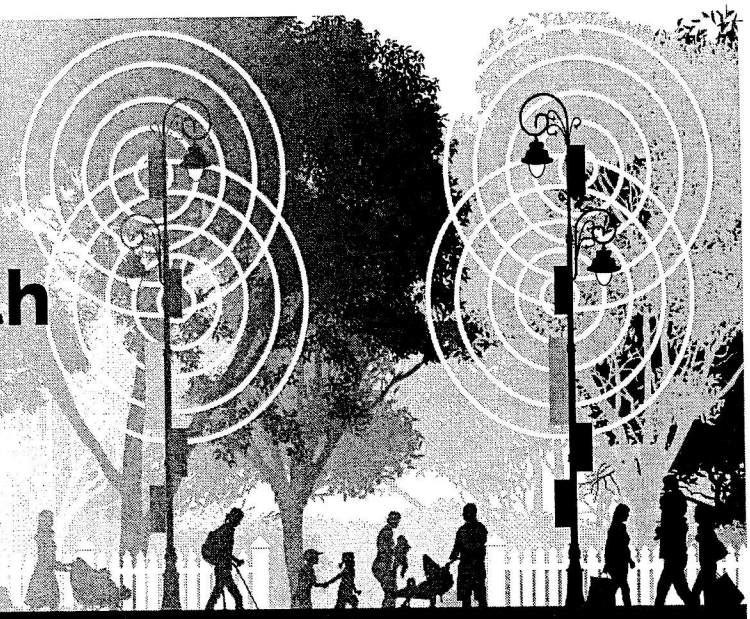
Exhibit 01.01

ENVIRONMENTAL HEALTH TRUST

5G, Your Health And The Environment



WHAT IS 5G?

5G is the fifth generation of wireless technology promising to connect the Internet of Things (IoT) at blazing fast speeds. Millions of new cell antennas are being installed in front of homes on street lights and utility poles. Telecom has heavily lobbied governments to pass new regulations that fast track new wireless antenna installations by removing public notice and public hearings and usurp local control.

Issues With 5G

- Experimental technology
- Increases radiation exposure
- Outdated radiation guidelines
- Children are more vulnerable
- Inadequate regulations
- Impact to tree canopy
- No oversight by health authority
- No environmental review
- Increases energy usage
- Increases e-waste and pollution
- Lowers property values
- Local authority overruled
- Loss of privacy
- Interferes with weather forecasting
- Screen addiction
- Uninsured liability
- Cyber security risks

Peer Reviewed Research On Wireless Radiation

- Sperm damage
- Oxidative stress
- Altered brain development
- DNA damage
- Immune system damage
- Memory problems
- Sleep problems
- Hyperactivity
- Behavior problems
- Breach of blood-brain barrier
- Brain tumors
- Cancer
- Harm to birds, bees, and trees

Harvard Investigation Finds Industry Funding Influences Science and Policy

"Industry control, in the case of wireless health issues, extends beyond Congress and regulators to basic scientific research."
— *Norm Alster, in* Captured Agency, *Harvard University*

Medical Doctors Caution:

"An Egyptian study confirmed concerns that living nearby mobile phone base stations increased the risk for developing headaches, memory problems, dizziness, depression and sleep problems. In large studies, an association has been observed between symptoms and exposure to these fields in the everyday environment."
— *The American Academy of Pediatrics*

Scientists Worldwide Are Calling For A Halt To 5G:

"We recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry...RF-EMF has been proven to be harmful for humans and the environment."
— The 5G Appeal *(signed by over 250 independent scientists and medical doctors from 40 countries)*

Worldwide Opposition

Governments are taking action to stop 5G. Dozens of cities in Italy, the U.K., the U.S. and Switzerland are passing resolutions/restrictions to halt the 5G roll-out until adequate safety testing has been done. Several countries recommend reducing children's exposures to cellular phone radiation.

LEARN MORE AT **EHTRUST.ORG**

Exhibit 01.02

OUR SCIENTIFIC ADVISORY GROUP

phonegatealert.org/en/scientific-advisory-group

June 28, 2018

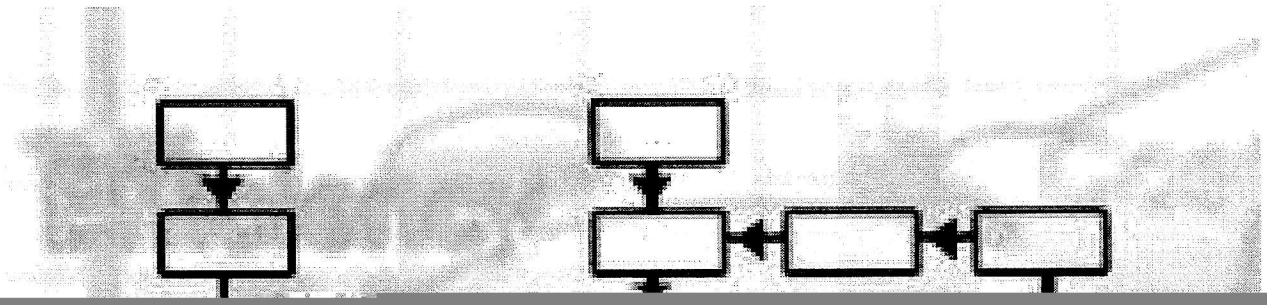
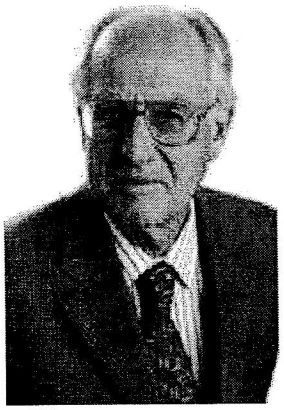


Exhibit 01.03

research and education about environmental health hazards and promote constructive policies locally, nationally and internationally.

Annie J. Sasco,
MD ('78, U. Bordeaux), **MPH** ('79, Harvard), **SM** Biostatistics and Epidemiology ('80, Harvard), **DrPH** ('86 Epidemiology, Biostatistics and Evaluation, Harvard). Having been a Teaching Fellow of Harvard University, she worked for 22 years at the International Agency for Research on Cancer (IARC) in Lyon, France, including 9 years as Group Leader and then Unit Chief of Epidemiology for Cancer Prevention and 2 years as Acting Chief of the Programme for Cancer Control of the World Health Organization (WHO). She later returned to the University of Bordeaux as a Director of Research in an *Inserm* (French NIH) unit. She considers the role of a population health researcher should not stop at publishing results but should also translate these results to policy-making individuals and institutions, as well as to the public. When a risk exists and can be avoided, precaution and prevention are an absolute must.



Anthony B. Miller MD, FRCP, FRCP(C), FFPH, FACE
Physician-epidemiologist Dr. Anthony Miller is currently Professor Emeritus at the Dalla Lana School of Public Health, University of Toronto. He has served as Director of the Epidemiology Unit of the National Cancer Institute of Canada, Chair of the Department of Preventive Medicine and Biostatistics, University of Toronto, Senior Epidemiologist, International Agency for Research on Cancer, and Head, Division of Cancer Epidemiology, German Cancer Research Centre, 2000-03; consultant to the Division of Cancer Prevention, U.S. National Cancer Institute and to the World Health Organization

Magda Havas
Magda Havas is Associate Professor at *Trent School of the Environment* and *Centre for Health Studies* at Trent University, where she teaches and does research on the biological effects of electromagnetic pollution and the beneficial effects of electrotherapies. Dr. Havas received her PhD at the University of Toronto and did postdoctoral research at Cornell before returning to Canada. She works with diabetics, people with multiple sclerosis, tinnitus, chronic fatigue, fibromyalgia and those who are electrically hypersensitive. Her latest research links microwave radiation from wireless phones to heart irregularities including arrhythmia and tachycardia. Dr. Havas serves (served) as a science advisor to various government and non-government organizations in Canada, U.S., U.K., Australia, South Africa, Netherlands, Brussels, Italy, and Nepal.

SAVE US NOW.ORG.UK

Exhibit 01.04

THE ROLLOUT OF 5G TECHNOLOGY IS AN INDICTABLE CRIME

5G IS UNINSURABLE AND DANGEROUS AND WILL KILL ALL BIOLOGICAL LIFE.
IT WAS DEVELOPED FOR BATTLEFIELD PURPOSES AND
HAS NO SAFE ROLE IN OUR TOWNS, CITIES OR COUNTRIES.

THE FOLLOWING SHORT LETTER SHOULD BE SENT
BY EMAIL AND REGISTERED POST TO
COMPANY DIRECTORS – SHAREHOLDERS - EMPLOYEES – COUNCILS –
COUNCILLORS – POLITICIANS – MEDIA AND OTHERS
WHO ARE IGNORING THE LAW.
Call first to ensure that the right person receives the document
and note down the name(s).

Mark Steele encourages people who read this and share it to support the SAVE-US-NOW Movement so that we can focus our FULL resources and attention behind our legal team to bring the criminal cabals behind this unlawful and illegal activity to justice.
It is time to go on the offensive.
www.saveusnow.org.uk

Dear Sir / Madam

I am bringing to your attention the scientifically established fact that the rollout of 5G technology and the experimental LED carrier assets are indictable offences under domestic and international laws, and a crime against humanity and the environment. PHE have already warned of the health risk. Your involvement in the deployment, deception, misinformation and cover-up in the wider community and continued support for this crime have been noted. Any further support of this indictable offence provided by you once you have been informed by this letter will demonstrate your real intent in regard to this crime.

To mitigate your involvement, we demand that you cease and desist from your role in the rollout of 5G, so that the main architects of this criminal enterprise can be held accountable, while those who have been coerced into involvement can be seen to have acted in less serious roles. The Accessories and Abettors act 1861 as amended by the Criminal Law Act 1977 covers all those who can be shown to have known of this human rights crime yet who have not acted in accordance with the law.

Yours sincerely

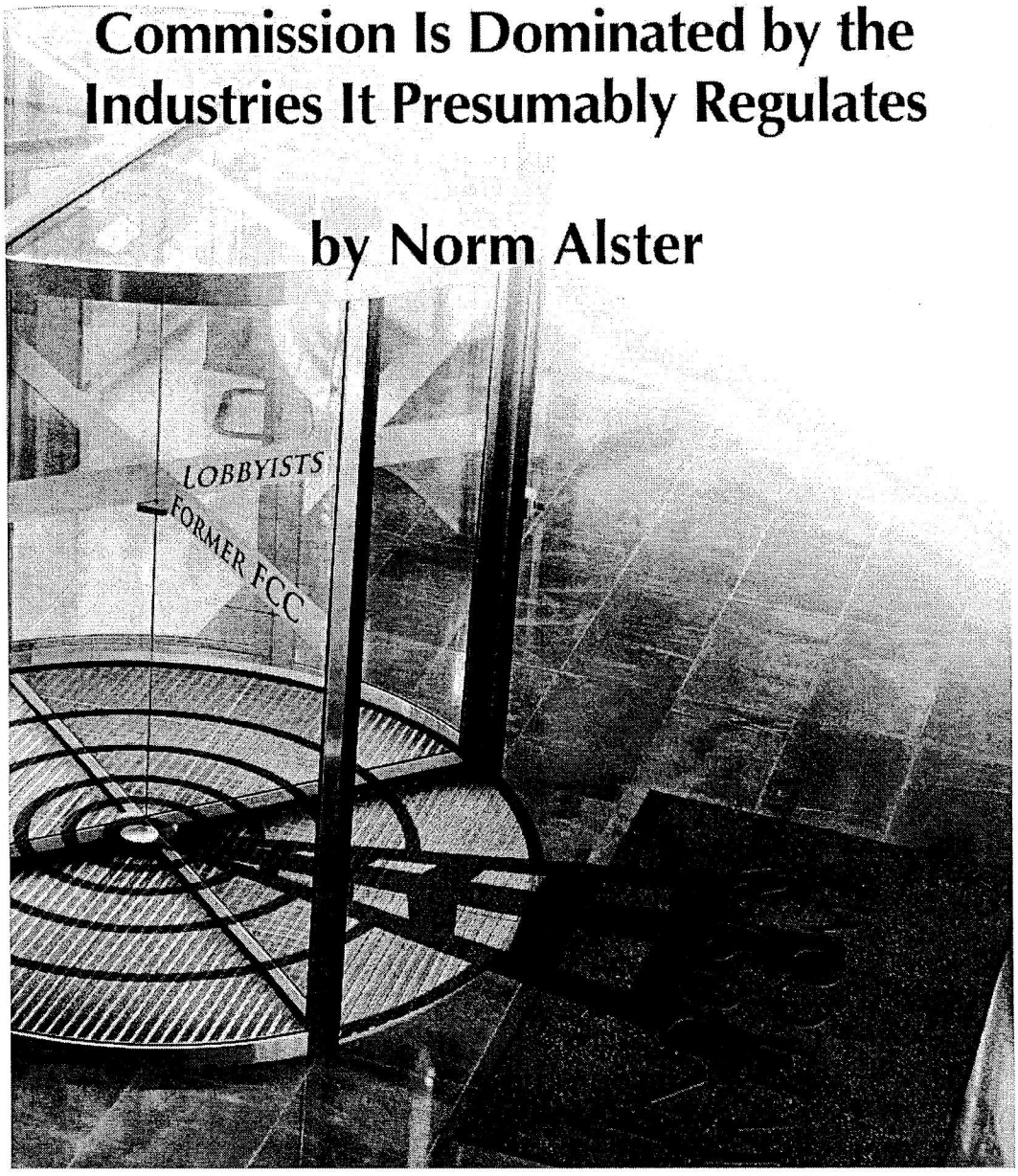
[Add your name]

Exhibit 01.05

Captured Agency:

How the Federal Communications Commission Is Dominated by the Industries It Presumably Regulates

by Norm Alster



www.ethics.harvard.edu

Exhibit 01.06

CONTENTS

1. The Corrupted Network

2. Just Don't Bring Up Health

3. Wireless Bullies and the Tobacco Analogy

4. You Don't Need Wires To Tie People Up

5. $270 Billion . . . and Looking for Handouts

6. The Cable Connection

7. What about Privacy?

8. Dependencies Power the Network of Corruption

9. A Modest Agenda for the FCC

10. Stray Thoughts

Appendix – Survey of Consumer Attitudes

Endnotes

Exhibit 01.07

Cellular Industry Campaign Contributions

Top House Recipients Funded

Recipient	Amount
Henry A. Waxman	**$41,500**
Scott H. Peters	$40,300
Greg Walden	**$35,750**
Fred Upton	**$32,250**
Bob Goodlatte	$31,250
Lee Terry	**$29,600**
Anna G. Eshoo	**$27,000**
Doris O. Matsui	**$25,500**
John Shimkus	**$24,000**
Peter J. Roskam	$21,100

Cable & Satellite Campaign Contributions

Top Senate Recipients Funded

Recipient	Amount
Edward J. Markey	**$320,500**
Kirsten E. Gillibrand	$194,125
Mitch McConnell	$177,125
Harry Reid	$175,600
Charles E. Schumer	$175,450
Mark L. Pryor	**$172,950**
Michael F. Bennet	$159,000

Exhibit 01.08

An official website of the United States government Here's how you know

THE UNITED STATES DEPARTMENT of JUSTICE

FARA

Foreign Agents Registration Act

The Foreign Agents Registration Act (FARA) was enacted in 1938. FARA requires certain agents of foreign principals who are engaged in political activities or other activities specified under the statute to make periodic public disclosure of their relationship with the foreign principal, as well as activities, receipts and disbursements in support of those activities. Disclosure of the required information facilitates evaluation by the government and the American people of the activities of such persons in light of their function as foreign agents. The FARA Unit of the Counterintelligence and Export Control Section (CES) in the National Security Division (NSD) is responsible for the administration and enforcement of FARA.

Due to health concerns regarding COVID-19, the FARA Public Office will be closed until further notice. Should you need access to information that is unavailable online, please contact the FARA Unit at fara.public@usdoj.gov for assistance.

FARA CONTACT INFORMATION

Public information relating to FARA may be obtained in person at the FARA Unit Public Office located at:

Department of Justice/NSD
FARA Unit
175 N Street, NE
Constitution Square, Building 3 - Room 1.204
Washington, DC 20002

Hours of Operation:

Public Office: Monday - Friday, 11:00 a.m. - 3:00 p.m.
Deliveries: Monday - Friday, 8:30 a.m. - 5:00 p.m.

Email: fara.public@usdoj.gov

U.S. Department of Justice
Washington, DC 20530

Exhibit 01.09

OMB No. 1124-0005; Expires May 31, 2020

Short Form Registration Statement Pursuant to the Foreign Agents Registration Act of 1938, as amended

INSTRUCTIONS. Each partner, officer, director, associate, employee, and agent of a registrant is required to file a short form registration statement unless he engages in no activities in furtherance of the interests of the registrant's foreign principal or unless the services he renders to the registrant are in a secretarial, clerical, or in a related or similar capacity. Compliance is accomplished by filing an electronic short form registration statement at https://www.fara.gov.

Privacy Act Statement. The filing of this document is required for the Foreign Agents Registration Act of 1938, as amended, 22 U.S.C. § 611 *et seq.*, for the purposes of registration under the Act and public disclosure. Provision of the information requested is mandatory, and failure to provide the information is subject to the penalty and enforcement provisions established in Section 8 of the Act. Every registration statement, short form registration statement, supplemental statement, exhibit, amendment, copy of informational materials or other document or information filed with the Attorney General under this Act is a public record open to public examination, inspection and copying during the posted business hours of the Registration Unit in Washington, DC. Statements are also available online at the Registration Unit's webpage: https://www.fara.gov. One copy of every such document, other than informational materials, is automatically provided to the Secretary of State pursuant to Section 6(b) of the Act, and copies of any and all documents are routinely made available to other agencies, departments and Congress pursuant to Section 6(c) of the Act. The Attorney General also transmits a semi-annual report to Congress on the administration of the Act which lists the names of all agents registered under the Act and the foreign principals they represent. This report is available to the public and online at: https://www.fara.gov.

Public Reporting Burden. Public reporting burden for this collection of information is estimated to average .429 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Chief, Registration Unit, Counterintelligence and Export Control Section, National Security Division, U.S. Department of Justice, Washington, DC 20530; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

1. Name	2. Registration No.
3. Residence Address(es)	4. Business Address(es)
5. Year of Birth Nationality Present Citizenship	6. If present citizenship was not acquired by birth, indicate when, and how acquired.

7. Occupation

8. What is the name and address of the primary registrant?
Name Address

9. Indicate your connection with the primary registrant:

☐ partner ☐ director ☐ employee ☐ consultant
☐ officer ☐ associate ☐ agent ☐ subcontractor
☐ other *(specify)*_____

10. List every foreign principal to whom you will render services in support of the primary registrant.

11. Describe separately and in detail all services which you will render to the foreign principal(s) listed in Item 10 either directly, or through the primary registrant listed in Item 8, and the date(s) of such services. *(If space is insufficient, a full insert page must be used.)*

12. Do any of the above described services include political activity as defined in Section 1(o) of the Act and in the footnote below?

Yes ☐ No ☐

If yes, describe separately and in detail such political activity. Exhibit 01.10

13. The services described in Items 11 and 12 are to be rendered on a

☐ full time basis ☐ part time basis ☐ special basis

14. What compensation or thing of value have you received to date or will you receive for the above services?

☐ Salary: Amount $ _____ per _____ ☐ Commission at _____ % of _____

☐ Salary: Not based solely on services rendered to the foreign principal(s).

☐ Fee: Amount $ _____ ☐ Other thing of value _____

15. During the period beginning 60 days prior to the date of your obligation to register to the time of filing this statement, did you make any contributions of money or other things of value from your own funds or possessions and on your own behalf in connection with any election to political office or in connection with any primary election, convention, or caucus held to select candidates for any political office? Yes ☐ No ☐

If yes, furnish the following information:

Date	Amount or Thing of Value	Political Organization or Candidate	Location of Event

EXECUTION

In accordance with 28 U.S.C. § 1746, the undersigned swears or affirms under penalty of perjury that he/she has read the information set forth in this registration statement and that he/she is familiar with the contents thereof and that such contents are in their entirety true and accurate to the best of his/her knowledge and belief.

_____ _____

(Date of signature) *(Signature)*

Footnote: "Political activity," as defined in Section 1(o) of the Act, means any activity which the person engaging in believes will, or that the person intends to, in any way influence any agency or official of the Government of the United States or any section of the public within the United States with reference to formulating, adopting, or changing the domestic or foreign policies of the United States or with reference to the political or public interests, policies, or relations of a government of a foreign country or a foreign political party.

Exhibit 01.11

Form **4506-A**
(October 2018)
Department of the Treasury
Internal Revenue Service

Request for Public Inspection or Copy of Exempt or Political Organization IRS Form

▶ **Type or print clearly. Request may be rejected if the form is incomplete or illegible.**
▶ **Information about Form 4506-A and its separate instructions is at *www.irs.gov/form4506.***

OMB No. 1545-0495

TIP **You may not have to complete Form 4506-A to get the copies you need.**

- **Internet. Form 8871,** Political Organization Notice of Section 527 Status, and **Form 8872,** Political Organization Report of Contributions and Expenditures, are available for inspection from the Internet. The website address for both forms is ***www.irs.gov/polorgs.***
- **Public disclosure by the organization.** Exempt or political organizations must make their returns, reports, notices, and exempt applications available for public inspection. You can visit the organization to inspect the material instead of requesting it from the IRS. The organization may be able to mail the copies to you.
- **Form 990-N *(e-Postcard)* annual electronic notice is available for inspection on IRS.gov using Tax Exempt Organization Search (see instructions).**
- **Amazon Web Services (AWS).** Efiled Forms 990, 990-EZ and 990-PF are available on AWS in a machine readable format.

1 Exempt or political organization. *Complete a separate Form 4506-A for each organization.*

Name	Employer identification number

Address

City or town, state or province, country, and ZIP or foreign postal code

2 Requester

Name	Contact person
Address	Phone
City or town, state or province, country, and ZIP or foreign postal code	Date

3 Category of requester: You must check a box. ☐ Commercial user ☐ Non-commercial scientific institution ☐ Media ☐ Educational institution ☐ All others Name of Media Outlet

4 Reason for request. All requesters except for commercial users must provide an explanation of how the records will be used to avoid being charged the commercial rate. Attach additional sheets if necessary.

Lines 5–8. For each applicable form, check the box(es) for the item(s) you are requesting. You may request more than one form. For each form requested, check either the copy, inspection, DVD, or Sample DVD box and enter the specific tax year(s), as indicated. If ordering a partial set on DVD or Sample DVD, indicate the format, state(s), and month(s) requested.
Line 9. Check the box(es) for the item(s) you are requesting. You may request more than one item. If you check "other," you must indicate the specific item(s) you are requesting on the line provided or on an attachment. See instructions for more information.
Note. DVD and Sample DVD are not available for individual exempt organizations.

5 Form 990, Form 990-EZ:
a Paper request: ☐ Copy ☐ Inspection
Tax year(s) or period(s) requested: _____ ; _____ ; _____ . (YYYYMM YYYYMM YYYYMM)
b Digital data request: ☐ Yearly ☐ Sample
State(s): _____ ; _____ ; _____ .
Calendar year(s): _____ ; _____ ; _____ .

6 Form 990-PF:
a Paper request: ☐ Copy ☐ Inspection
Tax year(s) or period(s) requested: _____ ; _____ ; _____ . (YYYYMM YYYYMM YYYYMM)
b Digital data request: ☐ Yearly ☐ Sample
State(s): _____ ; _____ ; _____ .
Calendar year(s): _____ ; _____ ; _____ .

7 Form 990-T (501(c)(3) organizations filed after August 17, 2006):
a Paper request: ☐ Copy ☐ Inspection
Tax year(s) or period(s) requested: _____ ; _____ ; _____ . (YYYYMM YYYYMM YYYYMM)
b Digital data request: ☐ Yearly ☐ Sample
State(s): _____ ; _____ ; _____ .
Calendar year(s): _____ ; _____ ; _____ .

8 Form 5227 (for tax years beginning after December 31, 2006):
Paper request: ☐ Copy ☐ Inspection
Tax year(s) or period(s) requested: _____ ; _____ ; _____ . (YYYYMM YYYYMM YYYYMM)

9 ☐ Application for exemption (Form 1023, 1023-EZ, Form 1024, etc.)
☐ Exemption determination letter only
☐ Affirmation letter
☐ Other _____

IRS Use Only

The form requested above was inspected by (name of requester)	IRS office where inspection was made
Signature of employee present at inspection	Date

United States Senate
WASHINGTON, DC 20510

Exhibit 01.12

September 25, 2019

Brandon L. Van Grack
Director, FARA Registration Unit
National Security Division
U.S. Department of Justice
175 N Street, NE, Constitution Square
Washington, DC 20002

Dear Mr. Van Grack:

We write to renew our request that the Department of Justice review whether President Trump's personal attorney, Rudolph Giuliani, is in compliance with the Foreign Agents Registration Act (FARA).

In a September 6, 2018 letter, we requested that – given Mr. Giuliani's political and public relations activities on behalf of foreign governments and interests – the Department review whether he had an obligation to register any undisclosed political activities, had any delinquent filings, or had any deficiencies or abnormalities in his registration statements.

Since this request, we have received no formal response from the Department. In the meantime Mr. Giuliani has continued to engage in activities on behalf of foreign governments and interests while at the same time continuing to communicate with senior U.S. government officials and foreign leaders in his capacity as the President's personal attorney. For example, public reports have established that:

1. Mr. Giuliani headlined a pro-Russian conference in Armenia in October 2018 at the invitation of a wealthy Russian Armenian, Ara Abramyan, where he shared billing at the event with Sergey Glazyev, an advisor to President Putin who has been sanctioned for his role in the illegal Russian occupation of Crimea.[1]
2. He met with the King of Bahrain in December of 2018 to discuss "topics of joint interests" and subsequently signed a security consulting contract. The state media of Bahrain called Mr. Giuliani's visit a "high-level U.S. delegation."[2]

---

[1]Josh Kovensky, *Trump Lawyer Rudy Giuliani Headlines Pro-Russian Conference in Armenia*, WASH. POST, Oct. 23, 2018, https://talkingpointsmemo.com/news/trump-lawyer-rudy-giuliani-headlines-pro-russian-conference-in-armenia.

[2]*HM King receives high-level US delegation*, BAHRAIN NEWS AGENCY, DEC. 11, 2018, https://www.bna.bh/en/HMKingreceiveshighlevelUSdelegation.aspx?cms=q8FmFJgiscL2fwIzON1%2BDkyYwVQQpyJI1CgCuP9r3iw%3D.

Exhibit 01.13

3. He traveled to Albania in July 2019 to speak to the Mujahedin-e Khalq (MEK), a group formerly designated as a terrorist group by the U.S. government, where he spoke about the potential for regime change in Iran.[3]

4. At another MEK sponsored appearance in Warsaw in February 2019, he reportedly "reveled in condemning Iran even as he insisted he was in no way speaking for the Trump administration. He said the MEK had been his client for 12 years, and that he had often spoken on its behalf, often for a fee." He was also quoted, saying "[w]e want to see a regime change in Iran."[4]

These are just a handful of new and continued activities by Mr. Giuliani which appear to be paid by foreign entities and government with a desire to influence U.S. policy.

Notably, recent reports regarding Mr. Giuliani's efforts to pressure the government of Ukraine to investigate former Vice President Joe Biden's son to benefit the President's reelection also raise serious additional questions about the legality of his work as a foreign agent while also representing and working on behalf the President regarding official U.S. policy.[5]

Like any other American, Mr. Giuliani has legal obligations to report his work on behalf of foreign clients, and the Department of Justice should not give him preferential treatment or exempt him from his obligation just because he is the President's personal attorney. Accordingly, his work as a foreign agent requires thorough review by your office to ensure his compliance with the FARA requirements.

---

[3] *Rudy Giuliani Calls for Iran Regime Change at Rally Linked to Extreme Group*, THE GUARDIAN, Jun. 30, 2018, https://www.theguardian.com/us-news/2018/jun/30/rudy-giuliani-mek-iran-paris-rally.

[4] David E. Sanger and Marc Santora, Anti-Iran Message Seeps Into Trump Forum Billed as Focusing on Mideast Security, NY TIMES, Feb. 13, 2019, https://www.nytimes.com/2019/02/13/world/middleeast/warsaw-summit-pompeo.html.

[5] Greg Miller et al., *Giuliani Pursued Shadow Ukraine Agenda as Key Foreign Policy Officials Were Sidelined*, WASH. POST, Sep. 24, 2019, https://www.washingtonpost.com/national-security/giuliani-pursued-shadow-ukraine-agenda-as-key-foreign-policy-officials-were-sidelined/2019/09/24/ee18aaec-deec-11e9-be96-6adb81821e90_story.html.

Exhibit 01.14

Sincerely,

Tom Udall
United States Senator

Richard Blumenthal
United States Senator

Sheldon Whitehouse
United States Senator

Elizabeth Warren
United States Senator

Tammy Duckworth
United States Senator

Richard J. Durbin
United States Senator

Jeffrey A. Merkley
United States Senator

Enclosure

cc: The Honorable John C. Demers
Assistant Attorney General

THE

CONSTITUTION

OF THE

STATE OF MAINE,

AND THAT OF THE

UNITED STATES;

WITH

MARGINAL REFERENCES:

CONTAINING

THE CENSUS

OF THE

SEVERAL TOWNS & PLANTATIONS IN MAINE IN 1830.

PRINTED BY ORDER OF THE LEGISLATURE.

Portland.

PRINTED BY TODD AND HOLDEN.

1831.

Cover Page

and a majority of the whole number shall be necessary to a choice.

3. But no person constitutionally ineligible to the office of President, shall be eligible to the office of Vice-President of the United States.

ARTICLE XIII.

Citizenship forfeited by the acceptance, from a foreign power, of any title of nobility, office of emolument of any kind, &c. [See, as connected with this subject, note, Art. 1, Sec. 9, clause 7, page 65.]

If any citizen of the United States shall accept, claim, receive or retain any title of nobility or honor, or shall, without the consent of Congress, accept and retain any present, pension, office, or emolument of any kind whatever, from any emperor, king, prince, or foreign power, such person shall cease to be a citizen of the United States, and shall be incapable of holding any office of trust or profit under them, or either of them.

[NOTE. The eleventh article of the Amendments to the Constitution, was proposed at the second session of the third Congress; and the twelfth article, at the first session of the eighth Congress.]

13th Amendment

Exhibit 01.141

Maine 1831

ARTICLE XIII.

If any citizen of the United States shall accept, claim, receive or retain any title of nobility or honor, or shall, without the consent of Congress, accept and retain any present, pension, office, or emolument of any kind whatever, from any emperor, king, prince, or foreign power, such person shall cease to be a citizen of the United States, and shall be incapable of holding any office of trust or profit under them, or either of them.

Exhibit 01.142

Exhibit 01.143

PREPARE FOR CHANGE

Menu

MENU

The Missing 13th Amendment: *No Lawyers Allowed In Public Office*

May 14, 2019 by Edward Morgan

Share Tweet Newsletter Signup

Covert Plot That Altered The U.S. Constitution Exposed, Conspiracy To Subvert The American Republic Uncovered

By David M. Dodge,

Editor's Note:

The following investigative research project is of paramount importance. It is perhaps the most consequential ever undertaken regarding the foundational documents of the United States of America. Truly, it doesn't get any more serious than the stunning revelations which have emerged from this clandestine plot to wrongfully alter the U.S. Constitution and subvert the American Republic.

Should this British conspiracy to subjugate the USA, which was directly responsible for the excising of the original 13th Amendment ever become common knowledge, virtually the entire U.S. Congress would be deemed illegitimate. In view of the current state of Congressional affairs, it's no wonder that lawyers and attorneys could not be trusted to responsibly handle the people's business. Their loyalties have always lied **elsewhere.**

It's now a well-known fact of life that the legal class of the USA has degenerated into the most untrustworthy and treasonous, deceitful and dishonest. This certain eventuality was deeply feared by the Founding Fathers of the American Republic. It was for this very reason that the original 13th Amendment was carefully deliberated and legally ratified. However, it was then unlawfully removed from the U.S. Constitution *"during the tumult of the Civil War"* (after being completely ignored for decades). As follows:

In the winter of 1983, archival research expert David Dodge, and former Baltimore police investigator Tom Dunn, were searching for evidence of government corruption in public records stored in the Belfast Library on the coast of Maine. By chance, they discovered the library's oldest authentic copy of the Constitution of the United States (printed in 1825). Both men were stunned to see this document included a 13th Amendment that no longer appears on current copies of the Constitution. Moreover, after studying the Amendment's language and historical context, they realized the principle intent of this "missing" 13th Amendment was to prohibit lawyers from serving in government.

So began a seven-year, nationwide search for the truth surrounding the most bizarre Constitutional puzzle in American history -- the unlawful removal of a ratified Amendment from the Constitution of the United States. Since 1983, Dodge and Dunn have uncovered additional copies of the Constitution with the "missing" 13th Amendment printed in at least eighteen separate publications by ten different states and territories over four decades from 1822 to 1860.

In June of this year, Dodge uncovered the evidence that this missing 13th Amendment had indeed been lawfully ratified by the state of Virginia and was therefore an authentic Amendment to the American Constitution. If the evidence is correct and no logical errors have been made, a 13th Amendment restricting lawyers from serving in government was ratified in 1819 and removed from our Constitution during the tumult of the Civil War.

Exhibit 01.144

Since the Amendment was never lawfully repealed, it is still the Law today. The implications are enormous.

(Source: http://www.w3f.com/patriots/13/13th-01.html)

***CAVEAT**: It is because lawyers and attorneys formally registered with the BAR (British Accredited Registry) that they **could not be trusted** to hold public office in the USA. By implicitly pledging their allegiance to an entity of a foreign government, they **could not be trusted** to act in the best interest of the American Republic or its citizens.

13th Amendment — Missing

In the winter of 1983, archival research expert David Dodge, and former Baltimore police investigator Tom Dunn, were searching for evidence of government corruption in public records stored in the Belfast Library on the coast of Maine.

By chance, they discovered the library's oldest authentic copy of the Constitution of the United States (printed in 1825). Both men were stunned to see this document included a 13th Amendment that no longer appears on current copies of the Constitution. Moreover, after studying the Amendment's language and historical context, they realized the principle intent of this "missing" 13th Amendment was to prohibit lawyers from serving in government. So began a seven year, nationwide search for the truth surrounding the most bizarre Constitutional puzzle in American history — the unlawful removal of a ratified Amendment from the Constitution of the United States.

Since 1983, Dodge and Dunn have uncovered additional copies of the Constitution with the "missing" 13th Amendment printed in at least eighteen separate publications by ten different states and territories over four decades from 1822 to 1860. In June of this year (1991), Dodge uncovered the evidence that this missing 13th Amendment had indeed been lawfully ratified by the state of Virginia and was therefore an authentic Amendment to the American Constitution. If the evidence is correct and no logical errors have been made, a 13th Amendment restricting lawyers from serving in government was ratified in 1819 and removed from

Exhibit 01.145

To create the present oligarchy (rule by lawyers) which the U.S. now endures, the lawyers first had to remove the 13th "titles of nobility" Amendment that might otherwise have kept them in check. In fact, it was not until after the Civil War and after the disappearance of this 13th Amendment, that American bar associations began to appear and exercise political power.

Since the unlawful deletion of the 13th Amendment, the newly developing bar associations began working diligently to create a system wherein lawyers took on a title of privilege and nobility as "Esquires" and received the "honor" of offices and positions (like district attorney or judge) that only they could hold. By virtue of these titles, honors, and special privileges, lawyers have assumed political and economic advantages over the majority of U.S. citizens. Through these privileges, they have nearly established a two-tiered citizenship in this nation where a majority may vote, but only a minority (lawyers) may run for political office. This two-tiered citizenship is clearly contrary to Americans' political interests, the nation's economic welfare, and the Constitution's egalitarian spirit.

The significance of this missing 13th Amendment and its deletion from the Constitution is this: Since the amendment was never lawfully nullified, it is still in full force and effect and is the Law of the land. If public support could be awakened, this missing Amendment might provide a legal basis to challenge many existing laws and court decisions previously made by lawyers who were unconstitutionally elected or appointed to their positions of power; it might even mean the removal of lawyers from the current US government system.

At the very least, this missing 13th Amendment demonstrates that two centuries ago, lawyers were recognized as enemies of the people and nation. Some things never change.

THOSE WHO CANNOT RECALL HISTORY .... Heed warnings of Founding Fathers ... In his farewell address, George Washington warned of "... change by usurpation; for through this, in one instance, may be the instrument of good, it is the customary weapon by which free governments are destroyed." In 1788, Thomas Jefferson proposed that we have a Declaration of Rights

Exhibit 01.146

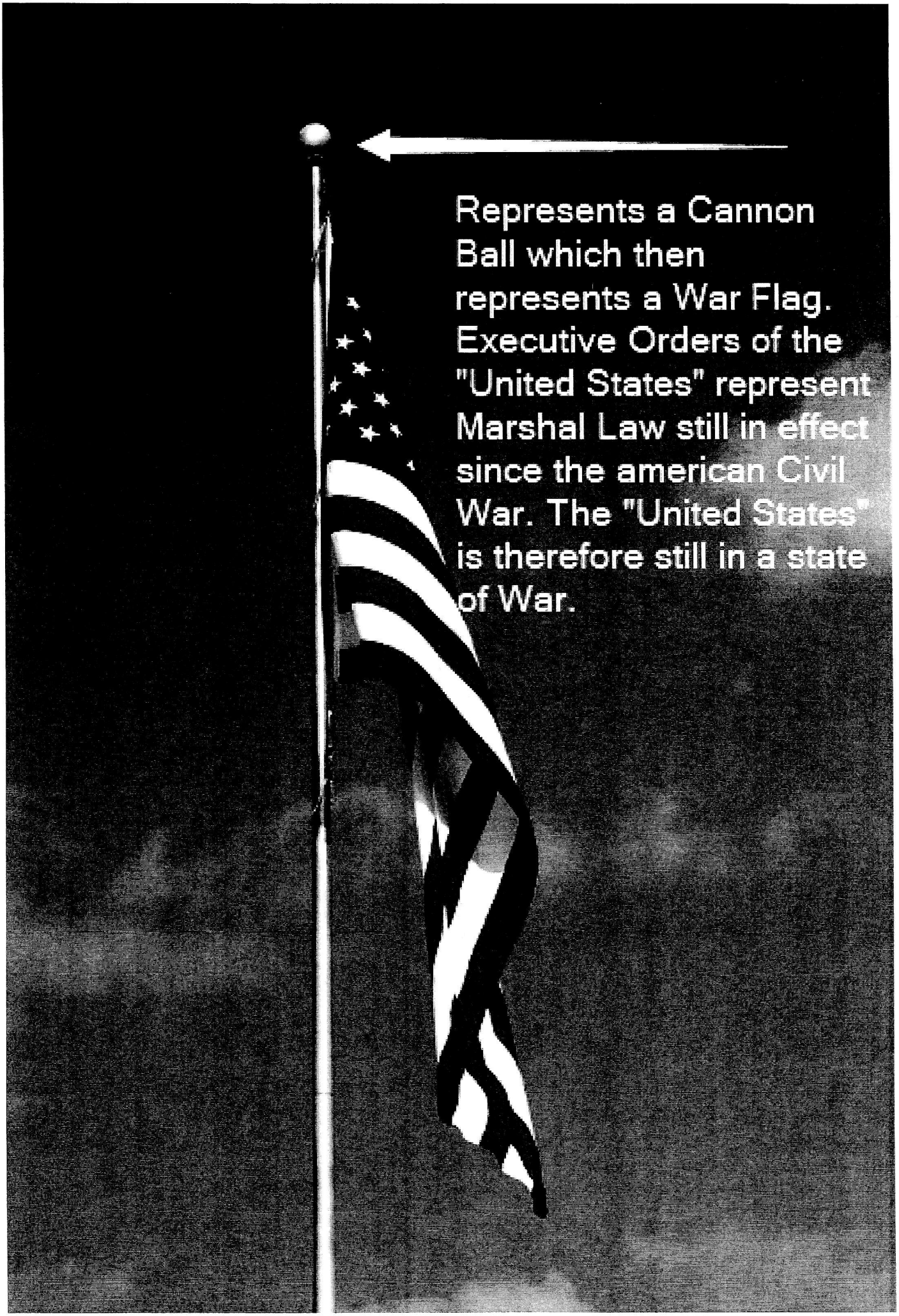

Represents a Cannon Ball which then represents a War Flag. Executive Orders of the "United States" represent Marshal Law still in effect since the american Civil War. The "United States" is therefore still in a state of War.

Exhibit 01.15

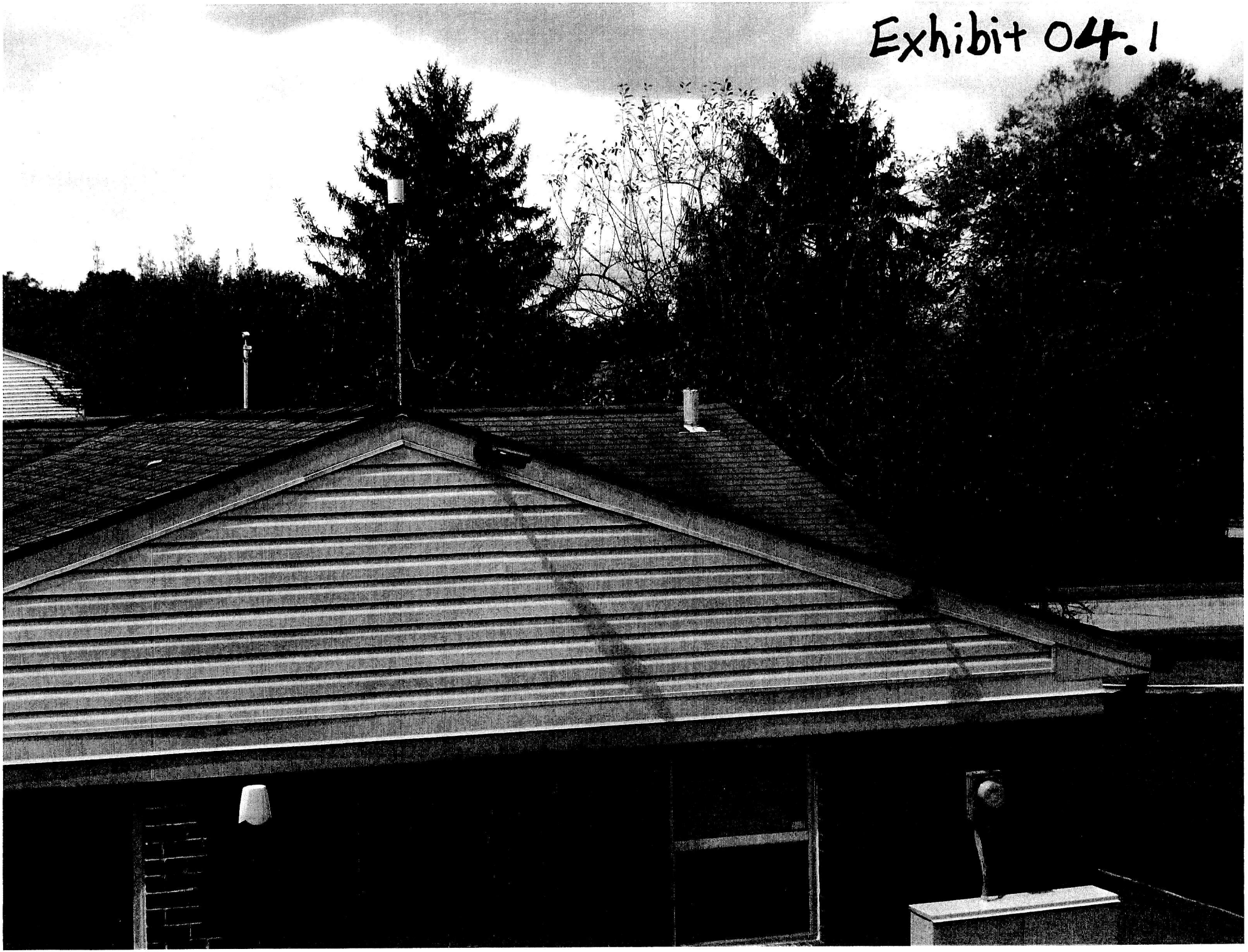
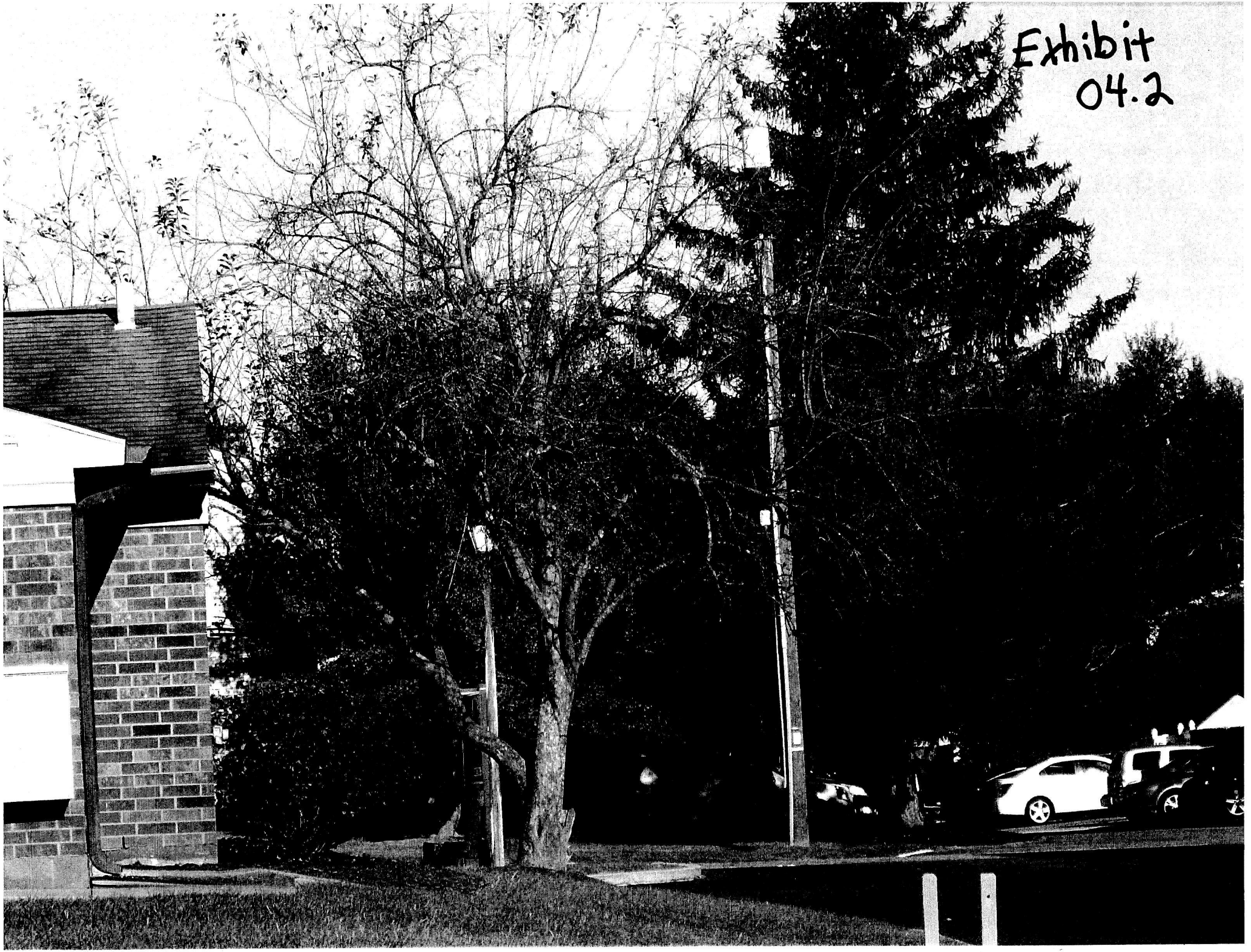


Exhibit 04.1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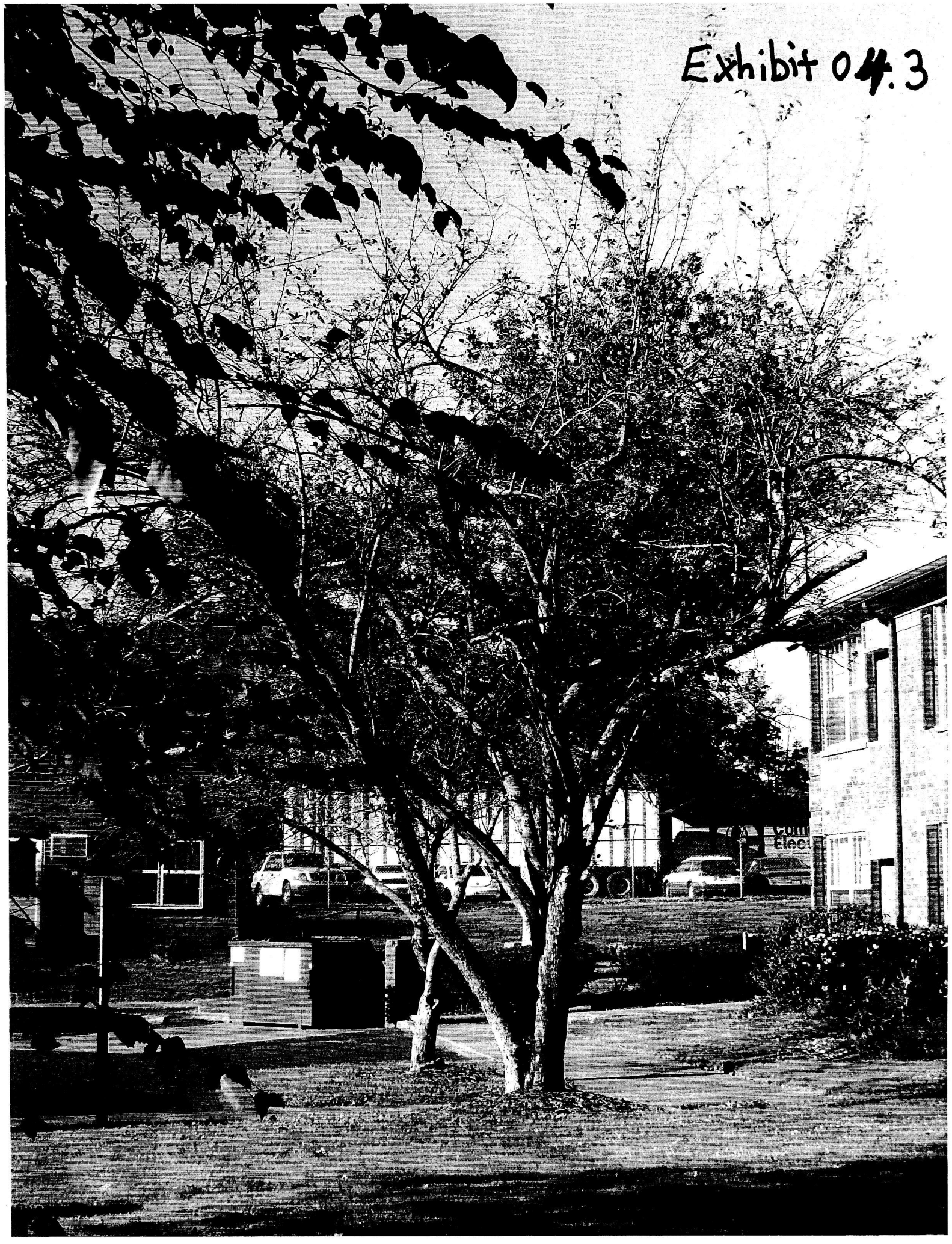
04.2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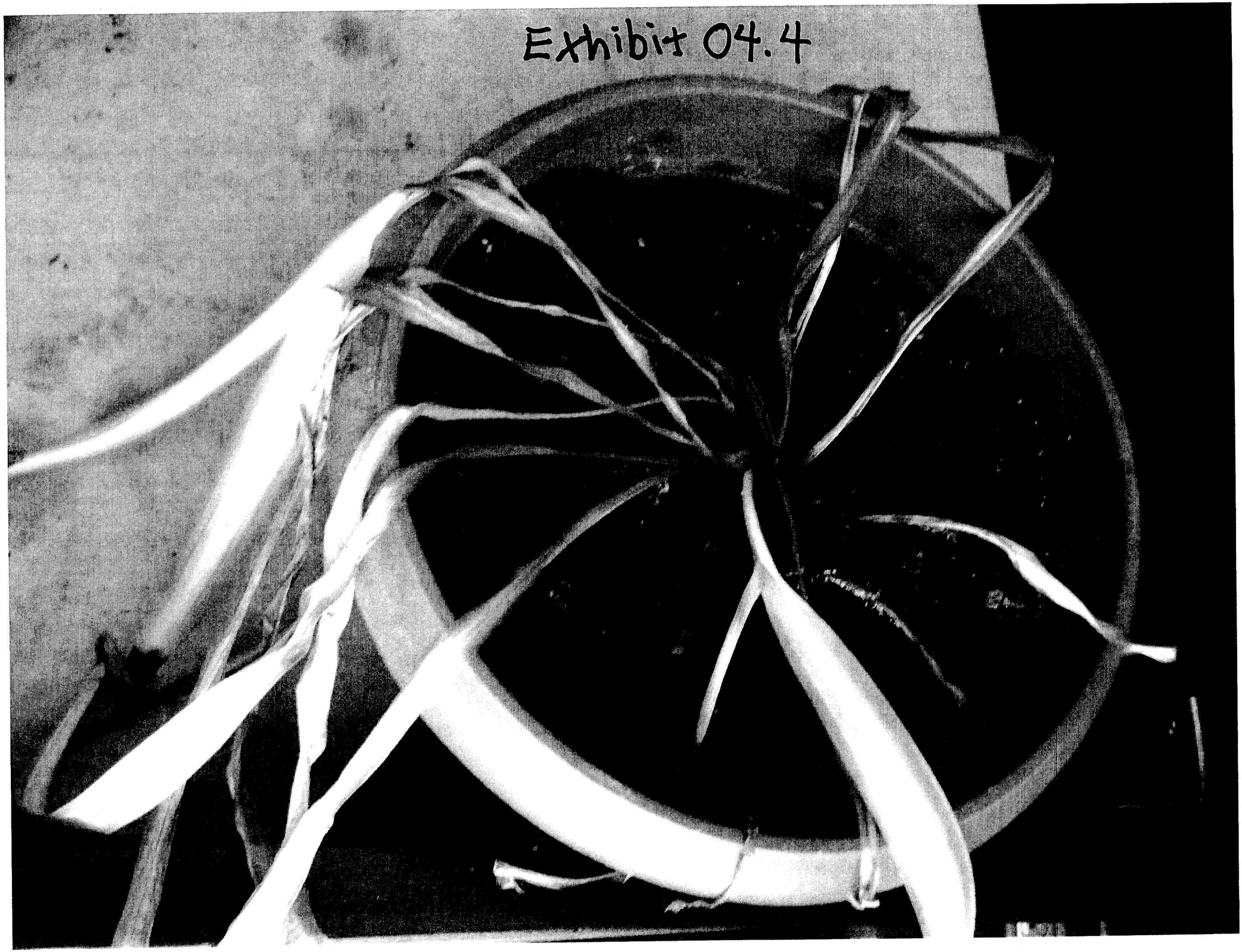
Exhibit 04.4

Exhibit 5.0

EXPERIMENTAL ONCOLOGY

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LONG-TERM EXPOSURE TO MICROWAVE RADIATION PROVOKES CANCER GROWTH: EVIDENCES FROM RADARS AND MOBILE COMMUNICATION SYSTEMS

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Summary. In this review we discuss alarming epidemiological and experimental data on possible carcinogenic effects of long term exposure to low intensi (MW) radiation. Recently, a number of reports revealed that under certain conditions the irradiation by low intensity MW can substantially induce cancer pr humans and in animal models. The carcinogenic effect of MW irradiation is typically manifested after long term (up to 10 years and more) exposure. Neve year of operation of a powerful base transmitting station for mobile communication reportedly resulted in a dramatic increase of cancer incidence among p nearby. In addition, model studies in rodents unveiled a significant increase in carcinogenesis after 17-24 months of MW exposure both in tumor-prone an To that, such metabolic changes, as overproduction of reactive oxygen species, 8–hydroxi-2-deoxyguanosine formation, or ornithine decarboxylase activa exposure to low intensity MW confirm a stress impact of this factor on living cells. We also address the issue of standards for assessment of biological effe It is now becoming increasingly evident that assessment of biological effects of non-ionizing radiation based on physical (thermal) approach used in recom current regulatory bodies, including the International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines, requires urgent reevaluation. that recent data strongly point to the need for re-elaboration of the current safety limits for non-ionizing radiation using recently obtained knowledge. We al that the everyday exposure of both occupational and general public to MW radiation should be regulated based on a precautionary principles which imply restriction of excessive exposure.

INTRODUCTION

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Abbreviations used: 8-OH-dG deoxyguanosine; EGF — epic factor; EMF — electromagneti electromagnetic radiation; ER extracellular-signal-regulated Global System for Mobile com ICNIRP — International Comr Ionizing Radiation Protection; microwaves; NHL — Non-Hoc ODC — ornithine decarboxyla observed expected ratio; OR - ROS — reactive oxygen speci specific absorption rate; SIR - incidence ratio; SMR — stand ratio; WHO — the World Heal

Electromagnetic radiation (EMR) became one of the most significant and fastest growing environmental factors due to intensive development of communication technologies during the last decades. Currently, according to expert estimations, the level of electromagnetic radiation from artificial sources exceeds the level of natural electromagnetic fields by thousand folds. The active development of mobile communication technologies over the world will only raise this level further. In this connection the problem of possible adverse effects of anthropogenic EMR on human health and particularly strictest assessment of possible carcinogenic effects of EMR is extremely important.

In August 2007 an international working group of renowned scientists and public health experts released a report on electromagnetic fields (EMF) and human health [1]. It raised a serious concern about safety limits for public electromagnetic irradiation from power lines, cell phones, radars, and other sources of EMF exposure in daily life. The authors concluded that the existing public safety limits were inadequate to protect public health. Moreover, very recently a vast number of new extremely important studies in this field have been published. Importantly, nowadays the problem is discussed on highest political level over the world. It appears that the most sound political document in Europe is a European Parliament Resolution from April 2, 2009 (*http://www.europarl.europa.eu*), where the direct appeals to activate the research and business strategy for effective solving of the problem over the member states were indicated.

In this review we would like to analyze the results of studies on specific biological effects of microwaves (MW), both epidemiological and experimental that deal with cancer promotion by long term low intensity microwave irradiation of human/animal beings. We will concentrate on unequivocal studies and will not analyze ambiguous data. For additional analysis of microwave risks we can recommend recently published reviews [2—10].

MICROWAVES OF RADARS AND MOBILE COMMUNICATION SYSTEMS

Microwaves are non-ionizing electromagnetic radiation. That means MW is a type of electromagnetic radiation which does not carry enough energy for ioniza molecules under normal conditions and unlike the ionizing radiation this kind of radiation generally has not enough energy for breaking the intermolecular bor of electrons from atoms or molecules. MW comprise a part of radiofrequency range. Radiofrequency radiation (RF) refers to electromagnetic waves with a ra electromagnetic fields in the range from 30 kHz to 300 GHz. As any other electromagnetic waves, the radio waves are pulses of electric and magnetic fields. regenerate each other as they move through the space at the speed of light. MW have frequencies from 300 MHz to 300 GHz. As MW have the highest frequ RF, it carries the highest energy and produce most thermal effect upon interaction with the matter.

The main sources of radiofrequency radiation during a long period in previous century were broadcasting systems. In some cases, for example, in military an powerful local sources of radiofrequency radiation were and still are radars (RAdio Detection And Ranging). However, the situation changed dramatically for during recent decades; and currently the most prevailing sources of RF in nearest human environment are mobile communication systems. It is important tha systems for mobile communication use the same microwave part of radiofrequency spectrum.

Radar systems are type of powerful sources of pulsed MW which generally effect only certain groups of military or service staff or population living nearby. R systems which use MW to determine both moving and fixed objects like aircraft, ships, missiles, etc. Depending on the tasks they use different frequencies of 12 GHz.

Mobile communication systems are undoubtedly the most source of MW in human environment over the world nowadays. Starting from the first commerci networks in Japan, Europe and USA since 1979—1983 the number of active users of mobile telephony increased globally to over five billion. In developed co of cellular phone users today is over the point of saturation. It means that many people use more than one cell phone. The initial age of youngest users of cel as three years old [5].

Mobile communication technology utilizes MW for connection of cell phones and base transmitting stations. Phone refers to as mobile because it is free from it refers to as cellular/cell because technology utilizes cellular network principle. All area is covered by many base transmitting stations, each station operates area) and cell phone automatically changes the station when moves from one cell to another. In GSM (Global System for Mobile communication) standard, w 80% of all services over the world the frequencies of electromagnetic waves used are about 850; 900; 1850; or 1900 MHz, which belongs to the microwave r information (sounds or images) is transferred by modulation of electromagnetic wave frequency. In GSM standard TDMA (Time Division Multiple Access) prir This means a part-time access of each consumer to the logical channel with frequency of channel rotation about 217 Hz. Thus, both base transmitting statior emit MW modulated according to the digital standard.

SAFETY LIMITS FOR MICROWAVE RADIATION

The main international recommendations on safety levels of non-ionizing electromagnetic radiation is *Guidelines for Limiting Exposure to Time-Varying Electr Electromagnetic Fields (up to 300 GHz)* of International Commission on Non-Ionizing Radiation Protection [11]. The document gives recommended safety lim EMR both for occupational and general public exposure. "Basis for limitation exposure" is dramatically important for understanding the imperfection of this do Accordingly, the document directly states that "Induction of cancer from long-term EMF exposure was not considered to be established, and so these guidelir short-term, immediate health effects such as stimulation of peripheral nerves and muscles, shocks and burns caused by touching conducting objects, and ele temperatures resulting from absorption of energy during exposure to EMF." However, the basic assumption of that is questioned nowadays by numerous dat

According to that document a few parameters of EMR energy are recommended to be restricted. Among them the two parameters are used the most often: 1 Absorption Rate (SAR) in W/kg, which indicates the EMR energy absorbed per mass unit of human tissue per second; and 2) power density or intensity of in W/m^2 (or μW/ cm^2) which indicates the amount of electromagnetic energy which falls on a unit of surface (under the right angle) per second. SAR safety limit exposure indicated in Guidelines as 2 W/kg (for head and trunk) for the microwave range. To that, this limit is accepted by industry as mandatory for every co

Exhibit 5.1

over the world, and real value of SAR of each cell phone model must be indicated in technical specification of the model. Unfortunately, SAR is rather sophist measurement. Moreover, only models of adult human head are currently used by industry for calculation of SAR, while real SAR values depend on a geomet tissues and, for example, was shown to be much higher for a child head than for the adult one [12—14].

Power density, or intensity of radiation, is much more direct and simple index as compared to SAR, although it does not estimate the specificity of interaction matter. Occupational exposure limits in microwave range according to ICNIRP are 10–50 W/m^2. Public exposure limits for microwaves according to ICNIRP were set to 2–10 W/m^2 (or 200—1000 μW/cm^2) depending on frequency. For example, for GSM—900 MHz standard ICNIRP safety limit will be calculated as

It is important to note that ICNIRP recommendations have no legal validity, as it is only a recommendation. Each country has their own national legislation in electromagnetic safety, and national limits are rather different in different countries. Some countries such as the USA and Germany conformed national EMR recommendation. Other countries have much tougher national limits as compared with ICNIRP guidelines. For example, for GSM-900 MHz standard MW saf Italy, Russia and China — 10 μW/cm^2, in Switzerland — 4 μW/cm^2, in Ukraine — 2.5 μW/cm^2 [1]. As we can see, some countries, including Ukraine, have ex national safety limits. Such national positions are explained first of all by long-term national research traditions in a field of electromagnetic biology, and on ex the non-thermal biological effects of this kind of radiation. On the other hand, some countries like Switzerland follow a strict precautionary principle (Better pr

RADAR RADIATION AND CANCER PROMOTION

Substantial military and occupational data indicate a significant effect of pulse microwaves on cancer development and other pathological conditions in huma statistically significant increase in immature red blood cells among workers exposed to a radar was reported [15]. In addition, radar-exposed workers had sig levels of leukocytes and thrombocytes than workers distant from MW sources.

Among Polish soldiers (128 thousand personnel subjects aged from 20 to 59 years), soldiers of 20—29 years old exposed to radar microwaves during 1970– incidence rates 5.5 folds higher than non-exposed soldiers [16]. The greatest rise of cancer cases was detected in blood-forming organs and lymphatic tissue chronic myelocytic leukemia and 8.6 folds for myeloblastic leukemia. The level of mortality among all exposed personnel was significantly higher than in unex colorectal cancer (observed-expected ratio, OER 3.2; 95 %), for cancer of esophagus and stomach (OER 3.2; 95 %), cancer of blood-forming system and lyn (OER 6.3; 95 %) [17].

Almost two times more cases of cancer were indicated in the high-exposed American naval personnel served during the Korean War (1950—1954) as compa exposed subjects among 40 thousands of personnel [18]. Death rates for aviation electronic technicians, the group with the highest exposure rate, were signi those for the other personnel during the following years up to 1974 [15].

A very substantial increase in cancer incidence was also detected in commercial airline pilots. Thus, the standardized incidence ratio (SIR) for malignant mel 10.2; 95.5 % for pilots of commercial airlines in Iceland [19]. Significantly increased risks of acute myeloid leukemia (SIR 5.1), skin cancer, excluding melanor total cancer (SIR 1.2) were observed also among Danish male jet pilots [20]. These data have been explained as a result of excess cosmic ionizing radiation sun radiation during a leisure time. However, analysis of brain cancers among US Air Force personnel has revealed that non-ionizing radiation and particular significant effect on cancer development (odds ratio, OR 1.38; 95%), whereas ionizing radiation had negative association with cancer cases (OR 0.58; 95 %) standardizing mortality ratio (SMR) for brain tumors was 2.1; 95 % among German male cockpit crew members (6,017 people) [22]. Cancer risk was significa 2.2; 95%) among cockpit crew members employed for 30 years as compared to those employed for less than 10 years. In addition, Non-Hodgkin's lymphom increased (SMR 4.2; 95%) among male cabin crew members (20,757 people). Importantly, any increase in cancers associated with ionizing (cosmic) radiatio in this cohort study.

In another report, six incident cases of testicular cancer occurred within a cohort of 340 police officers between 1979 and 1991 in Seattle, Washington, obser was 6.9; p<0.001 [23]. Occupational use of hand-held radar was the only shared risk factor among all six officers, and all had a routine habit of keeping the r close proximity to their testicles. Similarly, in Ontario, Canada risk assessment among police officers exposed to radar devices for speed measurement (1,59 20,601 males) revealed an increased risk among men for testicular cancer (SIR 1.3) and for melanoma (SIR 1.45; 95 %) [24].

In another study, eighty seven persons working with radars (and 150 matched control) were divided into risk groups according to frequencies of MW (200 KH power density (8 μW/cm^2 to 300 μW/cm^2) [15]. Three specific radiation cataracts in persons working with extremely high MW exposure were identified. Lens associated with level of exposure in different risk groups.

Other occupational studies revealed the highest risk ratio (2.6) for acute myelogenous leukemia in radio and radar operators among all occupational groups addition, excessive risk for breast cancer was detected (SIR 1.5) among Norwegian female radio and telegraph operators (2,619 women) with potential expo frequency (405 kHz — 25 MHz) [26].

RADIATION FROM MOBILE COMMUNICATION SYSTEMS AND CANCER PROMOTION

Cell phones. A significant increase of risk of particular brain tumors in long-term (10 years or more) users of cell phones and cordless phones has been dete epidemiological studies of Swedish oncologist Prof. L. Hardell with colleagues [27–33]. It is important that for a short-term use of cell phones similar effects w evident [4].

The risk of development of high-grade glioma has increased in more than 3 times (OR 3.1; 95 %) for bilateral users of cell phones and in more than 5 times (ipsilateral users after 10 years of using [34].

The risk of development of acoustic neuroma for bilateral users of cell phones was OR 2.9; 95% and OR 3.5; 95 % for ipsilateral users after 10 years of using

Notably, the highest risk of brain tumors has been detected in the youngest users of cell phones (20—29-yr) among all analyzed age groups (20—80 years o 95% for ipsilateral use of cell phones. The highest risk was associated with more than 5-year using period in the 20—29-yr age group for analog cell phones [28].

International multiyear Interphone project conducted under the management of the World Health Organization and substantially supported by industry, was a case-control study with 2708 glioma and 2409 meningioma cases and matched controls, conducted in 13 countries using a common protocol [35]. The result rather controversial. For example, authors were forced to declare "a reduced odds ratio related to ever having been a regular mobile phone users was seen f 95 %) and meningioma (OR 0.79; 95 %), possibly reflecting participation bias or other methodological limitations." However, significantly increased risks of tu in "heavy" users of cell phones (with more than 1640 hours of using during less than four years) have been revealed in this study: for meningioma OR 4.8; 95 3.77; 95% as compared with the matched controls [35]. One thousand and six hundred forty hours per four years means about one hour per day of a cell phc connection we can point to our data [36] that indicates amount of time which Ukrainian students (like students in other countries?) spend talking via cell phon findings indicated that more than a half of them spend over one hour per day, and more than a quarter of them spend over two hours per day talking via cell p

Parotid gland, like a human brain, is another potential target for cell phone MW radiation during cell phone talks without hands-free devices. Thus, a study do team has indicated an association between a cell phone use and parotid gland tumors [37]. This study comprised 402 benign and 58 malignant cases of parc diagnosed in Israelis at age over 18 years in 2001—2003. The risk of parotid malignant tumors in intensive users of cell phones (for users with more than 5,4 during less than five years) were OR 2.26; 95%. Recently new data have been published that totally a 4-fold increase of parotid malignant tumors in Israel du took place, whereas other salivary glands tumors had been almost on a stable level during that period of time [38]. Previously, a Finnish study has revealed t salivary gland cancer among all Finland digital cell phone subscribers compared with control population after one-two years of a cell phone use [39].

The odds ratio for Non-Hodgkin's lymphoma of T-cell, cutaneous and leukemia types has been found for analogue-cell-phone users as 3.4; 95%; for digital-p %; and for cordless-phone users 5.5; 95% by L. Hardell group [40]. An American study indicated OR 1.6; 95 % for NHL in users of cell phones with a period years [41].

Uveal melanoma (in analysis of 118 cases with uveal melanoma and 475 controls in Germany) has been indicated to have odds ratio 4.2; 95% for people prc exposed to cell phone radiation [42].

Testicular cancer (seminoma) risk had odds ratio 1.8; 95% for men keeping a cell phone during "stand by" in ipsilateral trousers pocket [43]. The results have cases of seminoma in Sweden.

Base transmitting stations. During the last decades more than one and half million base transmitting stations for mobile communication have been installec However, the World Health Organization suggested a priority to study effects mainly of cell phones, while discouraging studies on the effects of transmitting s exception of years 2003—2006 when WHO recommended studies of possible effects of radiation of transmitting stations as well) [44]. This is probably the m a few publications on this particular problem can be found to date [45—49].

The comparison of cancer cases among people living up to 400 m from base transmitting station and people living further than 400 m from station during 199 carried out in Germany [48]. A total increase of cancer cases among people living nearby to transmitting station over the control population was 1.26 times du year period (1994—1998), and 3.11 times during the second five-year period (1999—2004) of operation of the station. Particularly, in the second period the i cases was statistically significant both as compared with the population from more distant area and with the expected background incidence.

Population (n=622) living in the area nearby (up to 350 m) the cell phone base transmitting station (850 MHz, 1500 watt of full power) during one year of oper individuals (n=1222) from other area have been compared in Israel [47]. There were 4.15 times more cases of cancer in transmitted station area than in the r Relative cancer rates for females were 10.5 for close to station area, 0.6 for control area and 1 for the whole town. Cancer incidence of women in close to ba significantly higher (p<0.0001) as compared with the control area and the whole city. Keeping in mind that very significant increase in a number of cancer cas during only one year period, the authors of the study suggested that MW could provoke latent cases of cancer in inhabitants of the area nearby transmitting s

Exhibit 5.2

French and Spanish researchers also revealed that inhabitants living near base station for mobile communication (up to 300 m) developed significantly highe subjective symptoms of health like headache, fatigue, sleep disorder, depression as compared with the matched control from distant area [49, 50].

RODENT MODEL OF CANCER PROMOTION BY MICROWAVES

A highly representative research has been carried out at the University of Washington, Seattle commissioned by US Air Force [51]. The experimental rats (1(exposed during 24 months at 21.5 hours per day to 2,450-MHz http://canadapharmacy-drugnorx.com/ pulsed microwaves at 800 pps with a 10 μs pulse widtl microwaves were square-wave modulated at 8 Hz. An average SAR was 0.4 W/kg for a 200-g rat. It was a model of long-term irradiation of Air Force pilots tc of radar systems. Totally 155 indexes of metabolisms were checked out during the study. As a result, the most expressive effect of long-term MW irradiation dramatic increase in a level of cancer cases. In total, 3.6 folds more cancer cases were detected in irradiated animals than in matched control. Lymphoma ca in the irradiated animals 4.5 times more often than in the control group. In addition, benign tumors of adrenal were detected seven folds more often in the irra in the control.

In the next study under US Air Force contract, 200 female C3H/HeJ mice were exposed for 21 months (22 h/day, 7 days/week) to a horizontally polarized 43 (1.0 ps pulse width, 1.0 kHz pulse rate) RF radiation environment with an incident power density of 1.0 mW/cm^2 (SAR 0.32 W/kg), while 200 mice were sham Although under the conditions of this study, an exposure of mice prone to mammary tumors did not affect the incidence of mammary tumors, when compared some other tumor cases increased markedly. For example, bilateral cases of ovary epithelial stromal tumor raised by five folds; multiple cases of hepatocellul raised 3 folds, and adrenal gland tumor cases (total) raised 1.63 folds.

In the third published study of this series [53] the same prone-mammary tumor mice were irradiated during 20 months to continuous wave 2450 MHz MW rad from 0.3 to 1 W/kg (20 h/day, 7 days/week). A hundred mice were exposed, while 100 mice were used as sham-exposed. As a result, the exposed mice had mammary tumors (1.27 folds), and higher total level of all types of tumor (1.38 folds) as compared with sham-exposed; the difference between groups was st insignificant. Meanwhile, multiple mammary tumor cases occurred in exposed mice twice more frequently than in sham exposed.

In other study mice with high incidence of spontaneous breast cancer and mice treated with 3,4-benzopyrene (BP) were irradiated to continuous wave 2,450 an anechoic chamber at 5 or 15 mW/cm^2 (2 hours daily, 6 sessions per week, 3 months) [54]. Irradiation with MW at either 5 or 15 mW/cm^2 resulted in accele development of BP-induced skin cancer. Microwaves-exposed mice with high incidence of spontaneous breast cancer developed breast tumors earlier than c indicated that the promotion of cancer development and lowering of natural antineoplastic resistance was similar in mice exposed to MW at 5 mW/cm^2 and ch by confinement, but level of cancer cases in animals exposed to 15 mW/cm^2 was significantly higher as compared to chronically stressed by confinement cor

And in well-known study of M. Ripacholi *et al.* (1997)transgenic mice moderately predisposed to develop lymphoma spontaneously have been used for expos MHz, with pulse repetition frequency of 217 Hz, incident power densities of 2.6—13 W/m^2, and average SAR of 0.13—1.4 W/kg [55]. One group of mice (101 exposed for two 30-min periods per day during 18 months. Another group of mice (100 females) has been a sham-exposed control. Lymphoma risk was sign more than twice, in the exposed mice than in the matched control (OR 2.4; 95 %). In particular, follicular lymphoma was the major contributor to the increase

MICROWAVES AND CELL METABOLISM

Free radical species, including reactive oxygen species (ROS), is an intrinsic feature of cell metabolism [56–58]. But disturbance of redox balance, uncontrc free radical processes, overproduction of ROS and/or suppression of antioxidant defense in cell often are the important signals of some hazardous changes i [59, 60]. That is why data indicated oxidative effect of some factor is extremely important in risk-assessment research.

A significant increase of ROS and nitrogen oxide generation in cells under non-thermal intensities of MW has been detected both *in vivo* [61—67] and *in vitro* Possibilities of mitochondrial and membrane NADH oxidase dependent ways of ROS generation in exposed cells have been suggested [71, 72]. Accordingly, the first step in MW (875 MHz, 0.07 mW/cm^2) interaction with model cells (Rat1 and HeLa) was mediated in the plasma membrane by NADH oxidase, which the minutes) generate ROS [72]. ROS directly stimulate matrix metalloproteinases and allow them to cleave and release heparin-binding epidermal growth fa secreted factor activates the EGF receptor, which in turn activates the extracellular-signal-regulated kinase (ERK) cascade and thereby induces transcription pathways. On the other hand, on the model of purified human spermatozoa exposed to MW (1.8 GHz, SAR from 0.4 W/kg to 27.5 W/kg) a significant overpro mitochondria was detected, along with a significant reduction in motility and vitality of spermatozoa [71]. All observed effects were significantly correlated with suggesting that significant effects of MW exposure occurred under non-thermal levels of MW.

Therefore, MW can induce cellular oxidative stress, which in turn can cause cancer stimulation [57, 59]. To that, it is known nowadays that in addition to dam stress, ROS in cells can play a role of a secondary messenger for certain intracellular signaling cascades which can induce oncogenic transformation [60].

DNA damage in cells exposed to low-intensive microwaves both *in vivo* and *in vitro* was demonstrated during the last years in more than 50 independent stu often method used for detection of DNA damage after the MW exposure was alkaline Comet Assay. A statistically significant increase of both single strand a breaks of DNA has been detected in humans [74, 75], animal models [76—79] and cell cultures [76, 80—83] exposed to low intensity microwaves.

Recently, an oxygen damage of DNA in human spermatozoa through formation of 8-hydroxi-2-deoxyguanosine (8-OH-dG) under non-thermal microwaves irr been demonstrated [71].

Consequently, as DNA mutation is a critical step in carcinogenesis and increased level of 8-OH-dG takes place in many tumors [60], the possibility of MW to damage of DNA is extremely dangerous signal for risk-assessment studies.

Ornithine decarboxylase (ODC) significantly changes its activity under conditions of non-thermal microwave exposure [84—88]. It was one of the first mark carcinogenesis revealed to be activated under the low intensity microwaves exposure. ODC is involved in processes of cell growth and differentiation, and its tumor cells. Although overexpression of ODC is not sufficient for transformation of normal cells into tumorigenic ones, an increased activity of the enzyme wa the development of tumors from pre-tumor cells [89].

DISCUSSION AND CONCLUSIONS

In this review we presented evidences for carcinogenic effects of low intensity microwaves. Both epidemiological and experimental data led us to a conclusio certain conditions the exposure to long term low intensity MW can lead to tumorigenesis. Supporting evidences come from statistically significant epidemiolo either on long-term analysis, e.g., on mortality of US Navy personnel in 20 years after expose during the Korean War [15], or on relatively short, one year exp transmitting station for mobile communication in Israel [47]. In the latter case we fully agree with the authors that MW exposure most likely results in accelera cancer development. It is of note here that the same conclusion was drawn in epidemiological research on fast increase cancer incidence among adult popul exposed to extremely low frequency radiation [90].

The main shortcoming of the most epidemiological data, both in military studies and in mobile communication risk assessment, is a lack of a strict dose meas exposure. We strongly suggest that in the forthcoming epidemiological studies the correct measurement of intensity and dosage of exposure should be oblig of a large-scale epidemiological research employing personal MW dosimeters can be found in recent studies in Germany [91—94]. On the other hand, we als levels of the MW exposure in contemporary epidemiological studies, at least in those which deal with mobile communication systems, were within the official appropriate national standards and ICNIRP recommendations. Therefore, taking into account the reviewed data, we conclude that the relatively long-term (e. exposure to microwaves emitted from mobile communication devices operating within "safety limits" set by current regulating bodies can be considered as a promotion of cancer growth. Indeed, in the most studies on rodents the intensity of MW exposure was appropriately measured, and in majority of them the M below ICNIRP safety limits. Nevertheless, majority of these studies to a greater or lesser extent demonstrated obvious carcinogenic effects after long term ex months). This further emphasizes that at least under certain conditions the exposure to both pulsed and continuous MW with intensities below the current offi can indeed promote cancer development.

In addition, experimental evidences of involvement of typical markers of carcinogenesis like overproduction of reactive oxygen species or formation of 8-OH- of MW exposure further indicate potential danger of this type of radiation for human health. It is important to emphasize here that experimental data, especial studies *in vitro* often reveal significant biological effects even after short-term (e.g., only a few minutes) [72] and/or extremely weak intensity of exposure to M orders of magnitude lower than in ICNIRP recommendations) [95]. Taking these data into account we strongly suggest that currently used "thermal" assessm hazards of MW exposure is far from being appropriate and safe.

Taken together, we state here that nowadays there is enough convincing data to appropriately assert that the long-term exposure to low intensity electromag can indeed promote cancer development. To that, the official recommendations by ICNIRP and safety limits set by many national regulatory bodies for techni microwave radiation, first of all for mobile communication systems, must be re-assessed according to the recent alarming data; and additional studies for unp assessment must be carried out. At present, we strongly suggest for a wide implementation of precautionary principle for everyday microwave exposure that restriction of excessive exposure.

CONFLICT OF INTEREST

The authors declare no conflict of interest.

ACKNOWLEDGMENTS

This study was supported by National Academy of Sciences of Ukraine (Grant No 2.2.5.349); and received a financial contribution from the European Commi Seventh Framework Programme (FP/2007—2013) under Grant Agreement No. 229603; and was also co-financed by the South Moravian Region via SoMoP

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Radiofrequency (RF) sickness in the Lilienfeld study: An effect of modulated...
Ana G Johnson Liakouris
Archives of Environmental Health; May/Jun 1998; 53, 3; ProQuest Direct Complete
pg. 236

Exhibit 6.0

Radiofrequency (RF) Sickness in the Lilienfeld Study: An Effect of Modulated Microwaves?

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ABSTRACT. There is a controversy among professionals regarding whether radiofrequency radiation sickness syndrome is a medical entity. In this study, this controversy was evaluated with a methodology adapted from case studies. The author reviewed U.S. literature, which revealed that research results are sufficiently consistent to warrant further inquiry. A review of statistically significant health effects noted in the Lilienfeld Study provided evidence that the disregarded health conditions match the cluster attributed to the radiofrequency sickness syndrome, thus establishing a possible correlation between health effects and chronic exposure to low-intensity, modulated microwave radiation. The author discusses these health effects relative to (a) exposure parameters recorded at the U.S. Embassy in Moscow and (b) the Soviet 10-microwatt safety standard for the public. Given the evidence, new research—with current knowledge and technology—is proposed.

Literature Review of Human Studies

THE RADIOFREQUENCY RADIATION (RF) SICKNESS SYNDROME is a controversial medical entity in the United States. It is a systemic human response to chronic low-intensity RF exposure, identified in the 1950s by Soviet medical researchers,[1] who named it *neurotic syndrome*. Some of the symptoms are headache, ocular dysfunction, fatigue, dizziness, and sleep disorders.[2] In the United States, professionals have largely dismissed reports about this syndrome, citing it as being subjective and indicating that it results from an awareness bias; nonetheless, RF sickness syndrome has been legally recognized as "microwave radiation sickness."[3] Only in Soviet medicine[1–4] are the following clinical manifestations accepted: dermographism, tumors, hematological alterations, reproductive and cardiovascular abnormalities, depression, irritability, and memory impairment (among others). In 1978, Justesen et al.[5] recognized that Soviet research had "ecological validity," but they did not endorse the safety standard for the public (i.e., 10 microwatts [mW]). In Mitchell's 1985 review,[4] he confirmed that Soviet researchers considered the existence of neurological manifestations to be proven. In the United States, professionals simply dismissed the syndrome.

The available literature in the United States contains information in support of the RF sickness syndrome as a medical entity. Occupational studies[1,2,7–11,17] conducted between 1953 and 1991 *and* clinical cases[12–15] of acute exposure between 1957 and 1993 offer substantive evidence for the syndrome. Soviet researchers contend that the syndrome is reversible at early stages, but maintain that it is lethal over time.[16] The most valid criticism is the lack of study results that provide accurate exposure parameters linking cause and effect.

Radiofrequency Radiation Sickness in the Lilienfeld Study

The Johns Hopkins Foreign Service Health Status Study[17,18] (i.e., Lilienfeld Study) contains both medical data and properly recorded exposure parameters. To date, however, investigators have not evaluated the data, relative to RF sickness syndrome. Investigators conducted the Lilienfeld Study during the period of irra-

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Exhibit 6.1

diation between 1953 and 1976 in response to the microwave irradiation of the U.S. Embassy in Moscow.

In the literature published in the United States, investigators acknowledged that elevated lymphocyte counts and protozoan intestinal diseases were the only statistically significant illnesses that occurred in Moscow Embassy personnel (versus controls). In the study investigators concluded that, at the time of analyses, there was no convincing evidence that directly implicated exposure to microwave irradiation in the causation of any adverse health effects.

It should be noted, however, that in the Lilienfeld Study, other higher and statistically significant effects, relative to controls, were not accounted for.[18] Four of the effects are clinical manifestations that the Soviets have attributed to RF sickness: (1) dermographism (i.e., psoriasis, eczema, and inflammatory and allergic skin problems); (2) neurological (i.e., diseases of the peripheral nerves and ganglia among males); (3) reproductive (i.e., problems during pregnancy, childbirth, and puerperium); and (4) tumors (benign among men, malignant among women). Other reviews of the Lilienfeld Study have contained information about additional hematological changes that occurred among the embassy personnel.[9–19] Three of the effects are mood alterations attributed to the syndrome: (1) irritability; (2) depression; and (3) loss of appetite. Two are functional deficits also attributed to the syndrome: (1) concentration difficulties and (2) refractive eye problems. The results of past and current research[20,21] have verified neurological effects resulting from microwaves that the Soviets attributed to the syndrome. All of these confirm the presence of RF sickness syndrome.

The recorded[18–22] exposure parameters were continuous-wave, broad-band, modulated microwave RF radiation. The frequency range was between 0.6 and 9.5 GHz. Exposures occurred 6–8 h/d, 5 d/wk. Each modulation (i.e., phase, amplitude, and pulse) was transmitted for only 48 h (or less) at a time. The average exposure per individual was 2–4 y. The intensity range was between 0.002 and 0.028 mW/cm^2. Intensities were 1 000 times below the safety guidelines proposed in the United States,[8] but the range met Soviet safety standards for the public—a fact that shifts attention to the properties of the exposure parameters.

The best match for the parameters[23–25] is given by the Soviet remote-sensing radar system for medical applications, described by Lin.[23] The exposures recorded at the U.S. Embassy were within the ranges of those produced by this radar system. Average power densities between 1 mW/cm^2 and 1 miliwatt/cm^2 were sufficient for the remote recording of physiological data. Given that Soviet physicians were instrumental in setting the 10-mW standard,[5] an implicit knowledge is evinced: the modulations capable of eliciting biosignals[26] from specific biological sites have key significance. Thus, we can propose both (a) that significant adverse health and behavior effects, like those found in the Lilienfeld Study, can be attributed to chronic exposure to low-intensity, appropriately modulated microwave radiation; and (b) that such a link can be verified empirically. In 1995, the U.S. Environmental Protection Agency and the National Council on Radiation Protection stated the need to formally address the health hazards of modulated RF radiation.[27]

Conclusion

The evidence from the literature review, as well as from the Lilienfeld Study, support the RF sickness syndrome as a medical entity. The evidence also calls for new research in which current biomedical engineering knowledge of biosignal processing and instrumentation are used.

* * * * * * * *

The critical review of this study by John R. Goldsmith, M.D., Faculty of Health Sciences. Ben Gurion University of the Negev, Israel, is gratefully acknowledged. We also thank André Vander Vorst, Ph.D., head of the Microwaves Laboratory, Catholic University of Louvain, Belgium, for his encouragement to pursue this study. The legal assistance of Daniel H. Pollitt, Kenan Professor Emeritus, School of Law, University of North Carolina at Chapel Hill, is also gratefully acknowledged.

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Requests for reprints should be sent to Ana G. Johnson Liakouris, Ph.D., Twin Streams Educational Center, Inc., 243 Flemington St., Chapel Hill, NC 27514.

* * * * * * * * * *

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Letter to the Editor

To the Editor.—The following update is offered on behalf of Jiang Xin-Min, et al., authors of the following study that appeared in the November/December 1997 (Vol. 52, No. 6 [pp 399-408]) issue of the *Archives of Environmental Health*: "Dynamics of Environmental Supplementation of Iodine: Four Years' Experience of Iodination of Irrigation Water in Hotien, Xinjiang, China."

(1) Dr. Chen Rung also contributed to this study; therefore, Dr. Chen Rung's name is hereby added to the list of those who authored this study.

(2) **Figure 1.** Figure 1, which originally appeared on page 201 of the aforementioned issue and which reflected the fate of iodine dripped in 1992 and 1993 in Long Ru and in Bakechi (1993 only), is updated to include data from 1996 in Figure 1 (p 238). If Figure 1 is examined from the top down, we find that the median urine iodine excretion of women of childbearing age in Long Ru was 55 µg/l (n = 36) in April 1996—after the last dripping in 1993; we determined the excretion before further iodine dripping was done (inadvertently) in June 1996. In Bakechi, in June of 1996, with no dripping after 1993, the median urine iodine in women of childbearing age was 105 µg/l (n = 30). Thus, in both townships urinary iodine in women increased during the third year after dripping.

In the second part of Figure 1, 1996 wheat and cabbage crops in Bakechi contained iodine concentrations that were decreased from 1995 levels, but levels remained three-fold greater than baseline levels (data not available for Long-Ru).

In the third part of Figure 1, iodine content was dramatically increased in thyroid glands of sheep (4 y of age at slaughter, n = 4 in each township) to 28 000 µg/100 g. (In comparison, the average iodine concentration in human thyroid glands in the United States is approximately 70 000 µg/100 g.) This increase may have resulted from the marked increase in iodine availability during the preceding 3 y; it may be compared with the higher, but much more modest, concentrations in urine iodine in women (above).

Finally, soil iodine concentrations increased modestly, without the spike seen after earlier drippings, in Long Ru, after further dripping (80 kg of potassium iodate) in June 1996 (Fig. 1, bottom). Soil iodine concentration was stable in Bakechi, which had no more dripping.

(3) **Figure 2.** Figure 2, which originally appeared on page 402 of the *Archives of Environmental Health* (urinary iodine concentrations in childbearing-age women in Long Ru in May 1994 [i.e., 2 y after the first dripping and 1 y after the second dripping]), is also updated, as shown on page 239 herein. The black bars indicate the proportion of the control sample that had urinary iodine concentrations within the given ranges before dripping (median = < 10 µg/l—the lower limit of detection). The open bars indicate the percentage of the test group in given ranges (median = 49 µg/l) in 1994, 1 y after the last dripping. The dotted bars indicate the distribution of urinary iodine concentrations in April 1996 (median = 55 µg/l), before any further dripping occurred.

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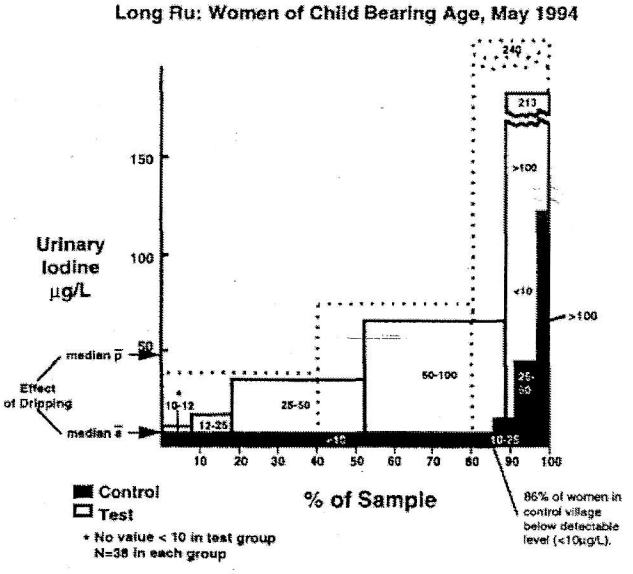

Fig. 2. Urinary iodine concentrations (mg/l) in childbearing-age women in Long Ru (updated).

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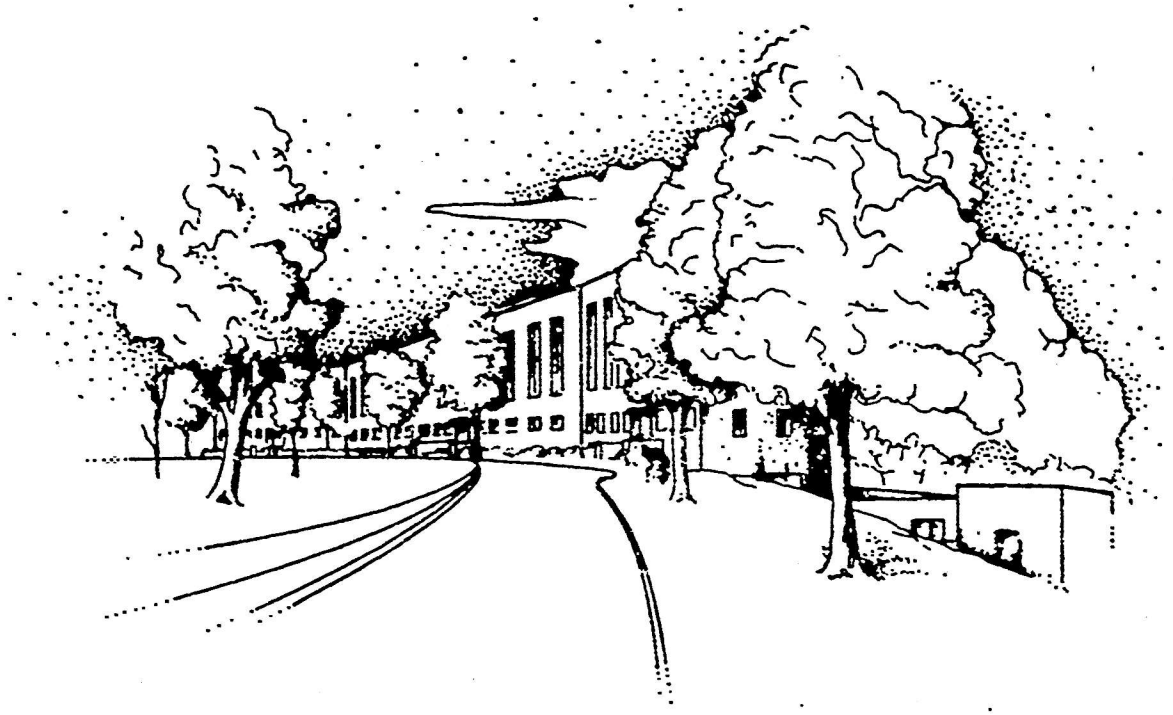

BIBLIOGRAPHY OF REPORTED BIOLOGICAL PHENOMENA ('EFFECTS') AND CLINICAL MANIFESTATIONS ATTRIBUTED TO MICROWAVE AND RADIO-FREQUENCY RADIATION

RESEARCH REPORT

MF12.524.015-0004B

REPORT NO. 2
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BIBLIOGRAPHY OF REPORTED BIOLOGICAL PHENOMENA ('EFFECTS') AND CLINICAL MANIFESTATIONS ATTRIBUTED TO MICROWAVE AND RADIO-FREQUENCY RADIATION

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LT, MSC, USNR

Research Report

Project MF12.524.015-0004B, Report No. 2

Naval Medical Research Institute
National Naval Medical Center
Bethesda, Maryland 20014, U.S.A.

4 October 1971

Second Printing, with Revisions,
Corrections, and Additions: 20 April 1972
(Supersedes AD No. 734391)

Exhibit 6.5

ABSTRACT

More than 2000 references on the biological responses to radio frequency and microwave radiation, published up to June 1971, are included in the bibliography.* Particular attention has been paid to the effects on man of non-ionizing radiation at these frequencies. The citations are arranged alphabetically by author, and contain as much information as possible so as to assure effective retrieval of the original documents. An outline of the effects which have been attributed to radio frequency and microwave radiation is also part of the report.

*Three supplementary listings bring the number of citations to more than 2300.

Key Words

Biological Effects
Non-Ionizing Radiation
Radar Hazards
Radio Frequency Radiation
Microwave Radiation
Health Hazards
Bibliography
Electromagnetic Radiation Injury

The comments upon and criticisms of the literature made in this report, and the recommendations and inferences suggested, are those of the author, and do not necessarily reflect the views of the Navy Department or of the Naval Service.

Exhibit 6.6

Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

ORIGINATING ACTIVITY (Corporate author)

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BETHESDA, MARYLAND 20014

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3. REPORT TITLE

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4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

Medical research interim report, bibliographic (Current to April 1972)

5. AUTHOR(S) (First name, middle initial, last name)

Zorach R. GLASER, Ph.D.
LT, MSC, USN

6. REPORT DATE	7a. TOTAL NO. OF PAGES	7b. NO. OF REFS
Revised 20 April 1972 (4 October 1971, Original)	~~103~~ 116	2,311

8a. CONTRACT OR GRANT NO.	9a. ORIGINATOR'S REPORT NUMBER(S)
b. PROJECT NO	MF12.524.015-0004B, Report No. 2, Revised
c.	9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)
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13. ABSTRACT

More than 2300 references on the biological responses to radio frequency and microwave radiation, published up to April 1972, are included in this bibliography of the world literature. Particular attention has been paid to the effects on man of non-ionizing radiation at these frequencies. The citations are arranged alphabetically by author, and contain as much information as possible so as to assure effective retrieval of the original documents. Soviet and East European literature is included in detail. An outline of the effects which have been attributed to radio frequency and microwave radiation is included as Chapter 1. The revised report (which supersedes DDC report AD#734391) is updated with the inclusion of three supplementary listings, and has incorporated many corrections and additions to the original 2100 citations.

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UNCLASSIFIED
Security Classification

Exhibit 6.7

UNCLASSIFIED
Security Classification

14 KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Biological effects						
Non-ionizing radiation						
Radar hazards						
Radio frequency radiation						
Microwave radiation						
Health hazards						
Bibliography						
Electromagnetic radiation injury						
Radiation adverse effects						

Exhibit 6.8

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Exhibit 6.9

CHAPTER 1

Reported Biological Phenomena ("Effects") and Some Clinical Manifestations Attributed to Microwave and Radio-Frequency Radiation (See Note)

A. Heating of Organs* (Applications: Diathermy, Electrosurgery, Electrocoagulation, Electrodesiccation, Electrotomy)

1. Whole Body (temperature regulation defects), Hyperpyrexia
2. Skin
3. Bone and Bone Marrow
4. (a) Lens of Eye (cataractous lesions - due to the avascular nature of the lens which prevents adequate heat dissipation.) (b) Corneal damage also possible at extremely high frequencies.
5. Genitalia (tubular degeneration of testicles)
6. Brain
7. Sinuses
8. Metal Implants (burns near hip pins, etc.)

The effects are generally reversible except for 4a.

B. Changes in Physiologic Function

1. Striated Muscle Contraction
2. Alteration of Diameter of Blood Vessels (increased vascular elasticity), Dilation
3. Changes in the Oxidative Processes in Tissues and Organs
4. Liver Enlargement
5. Altered Sensitivity to Drug Stimuli
6. Decreased Spermatogenesis (decreased fertility, to sterility)
7. Altered Sex Ratio of Births (more girls!)
8. Altered Menstrual Activity
9. Altered Fetal Development
10. Decreased Lactation in Nursing Mothers
11. Reduction in Diuresis (Na^+ excretion, via urine output)
12. Altered Renal Function (decreased filtration in tubules)
13. Changes in Conditioned Reflexes
14. Decreased Electrical Resistance of Skin
15. Changes in the Structure of Skin Receptors of the (a) Nervous, and (b) Blood-Carrying Systems
16. Altered Blood Flow Rate

---

* It is also reported that low levels of irradiation produce a cooling effect - "hypercompensation".

Note: These effects are listed without comment or endorsement since the literature abounds with conflicting reports. In some cases the basis for reporting an "effect" was a single or a non-statistical observation which may have been drawn from a poorly conceived (and poorly executed) experiment.

Exhibit 6.10

17. Alterations in the Biocurrents (EEG?) of the Cerebral Cortex (in animals)
18. Changes in the Rate of Clearance of Tagged Ions from Tissue
19. Reversible Structural Changes in the Cerebral Cortex and the Diencephalon
20. Electrocardiographic (EKG) Changes
21. Alterations in Sensitivity to Light, Sound, and Olfactory Stimuli
22. Functional (a) and Pathological (b) Changes in the Eyes: (a) decrease in size of blind spot, altered color recognition, changes in intraocular pressure, lacrimation, trembling of eyelids; (b) lens opacity and coagulation, altered tissue respiration, and altered reduction-oxidation processes
23. Myocardial Necrosis
24. Hemorrhage in Lungs, Liver, Gut, and Brain } At Fatal Levels
25. Generalized Degeneration of all Body Tissue } of Radiation
26. Loss of Anatomical Parts
27. Death
28. Dehydration
29. Altered Rate of Calcification of Certain Tissue

C. Central Nervous System Effects

1. Headaches
2. Insomnia
3. Restlessness (Awake and During Sleep)
4. Electroencephalographic (EEG) Changes
5. Cranial Nerve Disorders
6. Pyramidal Tract Lesions
7. Conditioned Reflex Disorders
8. Vagomimetic Action of the Heart; Sympaticomimetic Action
9. Seizures, Convulsions

D. Autonomic Nervous System Effects

1. Neuro-vegetative Disorders (e.g., alteration of heart rhythm)
2. Fatigue
3. Structural Alterations in the Synapses of the Vagus Nerve
4. Stimulation of Parasympathetic Nervous System (Bradycardia), and Inhibition of the Sympathetic Nervous System

E. Peripheral Nervous System Effects

Effects on Locomotor Nerves

F. Psychological Disorders ("Human Behavioral Studies") - the so-called "Psychophysiologic (and Psychosomatic) Responses"

Exhibit 6.11

1. Neurasthenia - (general "bad" feeling)
2. Depression
3. Impotence
4. Anxiety
5. Lack of Concentration
6. Hypochondria
7. Dizziness
8. Hallucinations
9. Sleepiness
10. Insomnia
11. Increased Irritability
12. Decreased Appetite
13. Loss of Memory
14. Scalp Sensations
15. Increased Fatigability
16. Chest Pain
17. Tremor of the Hands

G. Behavioral Changes (Animal Studies)

Reflexive, Operant, Avoidance, and Discrimination Behaviors

H. Blood Disorders

(V = in vivo)
(v = in vitro)

Changes in:

1. Blood and Bone Marrow
2. Phagocytic (polymorphs) and Bactericidal Functions of Blood (V,v)
3. Hemolysis Rate (increase), (a shortened lifespan of cells)
4. Sedimentation Rate (increase), (due to changes in serum protein levels or amount of fibrinogen (?))
5. Number of Erythrocytes (decrease), also number of Hyaline cells
6. Blood Glucose Concentration (increase)
7. Blood Histamine Content
8. Cholesterol and Lipids
9. Gamma (also α and β) Globulin, and Total Protein Concentration
10. Number of Eosinophils
11. Albumin/Globulin Ratio (decrease)
12. Hemopoiesis (rate of formation of blood corpuscles)
13. Leukopenia (increase in number of white cells), and Leukocytosis
14. Reticulocytosis

I. Vascular Disorders

1. Thrombosis
2. Hypertension

Exhibit 6.12

J. Enzyme and Other Biochemical Changes

Changes in activity of:
1. Cholinesterase (V,v)
2. Phosphatase (v)
3. Transaminase (v)
4. Amylase (v)
5. Carboxydismutase

6. Protein Denaturation
7. Toxin, Fungus, and Virus Inactivation (at high radiation dose levels), Bacteriostatic Effect
8. Tissue Cultures Killed
9. Alteration in Rate of Cell Division
10. Increased Concentration of RNA in Lymphocytes, and Decreased Concentration in Brain, Liver, and Spleen
11. Changes in Pyruvic Acid, Lactic Acid, and Creatinine Excretions
12. Change in Concentration of Glycogen in Liver (Hyperglycemia)
13. Alteration in Concentration of 17- Ketosteroids in Urine

K. Metabolic Disorders

1. Glycosuria (sugar in urine; related with blood sugar?)
2. Increase in Urinary Phenol (derivatives? DOPA?)
3. Alteration of Rate of Metabolic Enzymatic Processes
4. Altered Carbohydrate Metabolism

L. Gastro-Intestinal Disorders

1. Anorexia (loss of appetite)
2. Epigastric Pain
3. Constipation
4. Altered Secretion of Stomach "Digestive Juices"

M. Endocrine Gland Changes

1. Altered Pituitary Function
2. Hyperthyroidism
3. Thyroid Enlargement
4. Increased Uptake of Radioactive Iodine by Thyroid Gland
5. Altered Adrenal Cortex Activity
6. Decreased Corticosteroids in Blood
7. Decreased Glucocorticoidal Activity
8. Hypogonadism (usually decreased testosterone production)

N. Histological Changes

1. Changes in Tubular Epithelium of Testicles
2. Cross Changes

Exhibit 6.13

O. Genetic and Chromosomal Changes

1. Chromosome Aberrations (e.g., linear shortening, pseudochiasm, diploid structures, amitotic division, bridging, "sticky" chromosomes, irregularities in chromosomal envelope)
2. Mutations
3. Mongolism
4. Somatic Alterations (changes in cell not involving nucleus or chromosomes, cellular transformation)
5. Neoplastic Diseases (e.g., tumors)

P. Pearl Chain Effect (Intracellular orientation of subcellular particles, and orientation of cellular and other (non-biologic) particles)

Also, orientation of animals, birds, and fish in electromagnetic fields

Q. Miscellaneous Effects

1. Sparking between dental fillings
2. Peculiar metallic taste in mouth
3. Changes in Optical Activity of Colloidal Solutions
4. Treatment for Syphilis, Poliomyelitis, Skin Diseases
5. Loss of Hair
6. Brittleness of Hair
7. Sensations of Buzzing Vibrations, Pulsations, and Tickling About the Head and Ears
8. Copious Perspiration, Salivation, and Protrusion of Tongue
9. Changes in the Operation of Implanted Cardiac Pacemakers
10. Changes in Circadian Rhythms

Exhibit 6.14

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DST-1810S-074-7

Exhibit 6.16

DEFENSE INTELLIGENCE AGENCY

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES) EURASIAN COMMUNIST COUNTRIES (U)

PREPARED BY U.S. ARMY
MEDICAL INTELLIGENCE AND
INFORMATION AGENCY
OFFICE OF THE SURGEON GENERAL

Released Report

Exhibit 6.17

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION (RADIOWAVES AND MICROWAVES) - EURASIAN COMMUNIST COUNTRIES (U)

AUTHORS

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DST-1810S-074-76

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DST-1810S-074-76
March 1976

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DST-1810S-074-76
March 1976

PREFACE

The purpose of this review is to provide information necessary to assess human vulnerability, protection materials, and methods applicable to military operations. The study provides an insight on the current research capabilities of these countries. Information on trends is presented when feasible and supportable.

The study discusses the biological effects of electromagnetic radiation in the radio- and microwave ranges (up through 300,000 megahertz). It is not within the realm of this study to provide detailed descriptions of every laboratory experiment. Such data have been purposely omitted in favor of an analytical approach. An attempt has been made to identify the principal areas of research and to discuss the significance of experimental results.

The information reported in this study has been drawn from scientific, medical, and military journals, intelligence reports, magazines, news items, books, and other publications. The information cut-off date for this study was 1 October 1975.

(U) Constructive criticism, comments or suggested changes are encouraged, and should be forwarded to the Defense Intelligence Agency (ATTN: DT-1A), Washington, DC 20301.

Exhibit 6.20

DST-1810S-074-76
March 1976

SUMMARY

(U) The thermal effects of electromagnetic radiation have been reasonably well established through experimental investigation. The nonthermal effects, however, remain a controversial issue between scientists in the West and in the Eurasian Communist countries. The difficulties encountered in conclusively demonstrating the nonthermal effects of electromagnetic exposure are likely responsible for differences in exposure standards; some standards are based largely on the demonstrable thermal effects, while others allow for possible nonthermal effects at subthermal intensities.

(U) The Eurasian Communist countries are actively involved in evaluation of the biological significance of radiowaves and microwaves. Most of the research being conducted involves animals or in vitro evaluations, but active programs of a retrospective nature designed to elucidate the effects on humans are also being conducted. The major systems, system components, or processes currently under study include the blood, the cardiovascular system, cells, the central nervous system, the digestive system, the glandular system, metabolic effects, and the reproductive and the visual systems. Other aspects of exposure are also being studied, but the limited number of reports uncovered makes assessment of the importance placed upon this research impossible. These lesser reported research areas include nonthermal effects, immunological studies, and use of radiowaves for functional control of organ systems.

No unusual devices or measures for protection from radiowave exposure were noted, but a continued stress upon personnel protection in occupational situations was apparent. Here, protective goggles and clothing are recommended when working in regions of microwave radiation. Although some differences in standards remain between the various Communist countries and between military and civilian standards, the Communist standards remain much more stringent than those of the West. An exception to this may be Poland where a recent relaxation of their standards has occurred. This is the first significant shift of an East European country away from the standard first set by the USSR in 1958.

If the more advanced nations of the West are strict in the enforcement of stringent exposure standards, there could be unfavorable effects on industrial output and military functions. The Eurasian Communist countries could, on the other hand, give lip service to strict standards, but allow their military to operate without restriction and thereby gain the advantage in electronic warfare techniques and the development of antipersonnel applications.

U.S. v. Hicks

Exhibit 6.21

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The potential for the development of a number of antipersonnel applications is suggested by the research published in the USSR, East Europe, and the West. Sounds and possibly even words which appear to be originating intracranially can be induced by signal modulation at very low average-power densities.

Combinations of frequencies and other signal characteristics to produce other neurological effects may be feasible in several years. The possibility of inducing metabolic diseases is also suggested. Animal experiments reported in the open literature have demonstrated the use of low-level microwave signals to produce death by heart seizure or by neurological pathologies resulting from breaching of the blood-brain barrier.

(U) As may be expected, the bulk of the research being done in this area is in the USSR. However, a notable volume is also being produced by Poland, Czechoslovakia, Bulgaria, Rumania, and Hungary.

Western scientists who have followed the Soviet research efforts on the biological effects of microwaves have expressed a variety of reactions ranging from disbelief to passive acceptance. The overall impact of current Soviet work is not overly significant, at least on their civilian sector. One possible exception may be their studies of the central nervous system where some interesting work is being done. Elsewhere, most of their work tends to be outdated, some of their experiments cannot be duplicated, and others are of doubtful credibility. No real new developments or fresh approaches have been identified. Nevertheless, a large volume of material continues to be published on the effects of radiowaves and microwaves on biological systems, indicating a fairly high degree of interest and a genuine desire to pursue these investigations. No significant research and development has been identified that could be related to work in this field in the People's Republic of China, North Korea, and North Vietnam.

Exhibit 6.22

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March 1976

SECTION I

INTRODUCTION

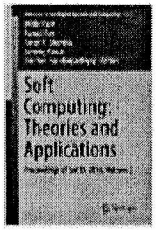
(U) The effects of radiowaves and microwaves on biological systems have traditionally been separated into two basic classifications, (1) thermal effects, and (2) nonthermal effects. The thermal effects are widely recognized and the mechanism of action reasonably well understood. Nonthermal effects, however, are controversial since the mechanisms involved are not clearly understood. Soviet and East European scientists believe that biological side-effects occur at power densities that are too low to produce obvious thermal effects. Such effects have been questioned in the West because experimental evidence, obtained largely in US laboratories, does not corroborate occurrence of nonthermal side-effects.

(U) Divergences in opinion between Bloc and Western researchers concerning the effects of microwave radiation are the result of nonstandardized research protocols and materials. In addition, mechanisms underlying observed biological effects are at present poorly understood by any of the world's scientists engaged in microwave research. The exchange of scientific information on microwave hazards has increased greatly since the active participation of Soviet, Czechoslovak, and Polish scientists in the International Symposium on Biological Effects and Health Hazards of Microwave Radiation in Warsaw in October 1973.

(U) It is now generally agreed that biological systems irradiated with electromagnetic waves in the radiowave and microwave frequency ranges (one kilohertz to more that 10^5 megahertz) absorb varying amounts of energy depending on the irradiation frequencies and the physical properties of the system. Typically, however, 40-50 percent of the incident energy is absorbed by the biological system and the remainder reflected. In reality, only the shorter wavelengths represent any appreciable hazard as a result of thermal heating. Radiation fields in the microwave range vary in wavelength from about one meter to very short wavelengths on the order of a millimeter. The depth of penetration of the waves is also variable and again depends on the frequency, wave polarization, and the physical properties of the system (i.e., dielectric and geometric), but typical penetrations are on the order of 1/10 of the wavelength. Therefore, very short waves are absorbed primarily by the skin, while long wavelengths penetrate to much greater depths.

(U) The degree of heating appears to be a function of the water content of the tissue and probably results from oscillations of water molecules or dipoles. Another possibility is a resonance absorption of energy by protein molecules of the cell. As might be expected, the actual damages resulting from a given exposure are functions of the thermal regulatory

Exhibit 6.23



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DNA as an Electromagnetic Fractal Cavity Resonator: Its Universal Sensing and Fractal Antenna Behavior

Authors | Authors and affiliations

P. Singh ✉, R. Doti, J. E. Lugo, J. Faubert, S. Rawat, S. Ghosh, K. Ray, A. Bandyopadhyay

Conference paper
First Online: 25 November 2017

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Abstract

We report that 3D-A-DNA structure behaves as a fractal antenna, which can interact with the electromagnetic fields over a wide range of frequencies. Using the lattice details of human DNA, we have modeled radiation of DNA as a helical antenna. The DNA structure resonates with the electromagnetic waves at 34 GHz, with a positive gain of 1.7 dBi. We have also analyzed the role of three different lattice symmetries of DNA and the possibility of soliton-based energy transmission along the structure.

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> Int J Radiat Biol. 2011 Apr;87(4):409-15. doi: 10.3109/09553002.2011.538130. Epub 2011 Feb 28.

DNA Is a Fractal Antenna in Electromagnetic Fields

Martin Blank [1], Reba Goodman

Affiliations + expand

PMID: 21457072 DOI: 10.3109/09553002.2011.538130

Abstract

Purpose: To review the responses of deoxyribonucleic acid (DNA) to electromagnetic fields (EMF) in different frequency ranges, and characterise the properties of DNA as an antenna.

Materials and methods: We examined published reports of increased stress protein levels and DNA strand breaks due to EMF interactions, both of which are indicative of DNA damage. We also considered antenna properties such as electronic conduction within DNA and its compact structure in the nucleus.

Results: EMF interactions with DNA are similar over a range of non-ionising frequencies, i.e., extremely low frequency (ELF) and radio frequency (RF) ranges. There are similar effects in the ionising range, but the reactions are more complex.

Conclusions: The wide frequency range of interaction with EMF is the functional characteristic of a fractal antenna, and DNA appears to possess the two structural characteristics of fractal antennas, electronic conduction and self symmetry. These properties contribute to greater reactivity of DNA with EMF in the environment, and the DNA damage could account for increases in cancer epidemiology, as well as variations in the rate of chemical evolution in early geologic history.

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Paul Dart MD FCA
3495 Harris Street
Eugene, OR 97405
September 1, 2013

Federal Communications Commission

r.e. Comments on Notice of Inquiry, ET Docket No. 13-84

Dear Sirs,

I am part of a medical advisory group that has spent the last 18 months researching the current medical literature on the biological or "non-thermal" effects of microwave radio frequency transmissions, in an effort to assist the Eugene Water and Electric Board in making prudent decisions on their choices of technology as they consider installing an AMI infrastructure of RF–transmitting "smart" electric meters. This document contains the product of our efforts—an extensive written review of the research to date on biological effects of RF.

Also attached to this filing are five pdf documents from an audiovisual presentation on this subject, illustrating research evidence for adverse effects including EHS (electrohypersensitivity syndrome), alterations in hormone physiology, DNA damage, cancer, infertility, and increased brain tumor risk from cell phones.

The FCC has not chosen to implement any safety standards regarding non-thermal effects of microwave RF exposure. But the existing literature demonstrates that there is significant cause for concern regarding the growing impacts of these exposures on the public. Research documenting their adverse biologic and health effects is robust now. The implications of this research cannot be discounted, and must not be ignored.

The FCC should request that the EPA impanel a Working Group composed of health experts who have no conflicts of interest with industry to review the scientific literature on EMR. The Group should recommend biologically–based EMR standards that ensure adequate protection for the general public and occupational health based upon the precautionary principle. Finally, the FCC should adopt the standards, testing procedures, and appropriate precautionary warning language recommended by the Working Group.

It would be indefensible at this time for the FCC to take any actions that may increase exposure of the population to EMR from cell phones, base stations, Wi-Fi, Smart Meters and other RF or ELF–emitting devices. The current levels of exposure need to be reduced rather than increased further. The FCC must especially protect vulnerable groups in the population including children and teenagers, pregnant women, men of reproductive age, individuals with compromised immune systems, seniors, and workers.

Sincerely yours,

Paul Dart MD FCA

Exhibit 7.1

BIOLOGICAL AND HEALTH EFFECTS OF MICROWAVE RADIO FREQUENCY TRANSMISSIONS

A REVIEW OF THE RESEARCH LITERATURE

A REPORT TO THE STAFF AND DIRECTORS OF
THE EUGENE WATER AND ELECTRIC BOARD

June 4, 2013

Paul Dart, M.D.
(lead author)

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Exhibit 7.2

EXECUTIVE SUMMARY

The FCC regulations for permissable exposures to microwave radio frequency (RF) transmissions are only designed to protect against the thermal effects of high exposure levels. Representatives of the telecommunications industry usually assert that there is "no clear or conclusive" scientific evidence regarding the biological effects of low level or "nonthermal" RF exposures. But in actuality, a large body of scientific research documents that RF exposures at low levels can produce adverse biological or health effects.

The installation of RF-transmitting "smart meters" by our electric utility could significantly increase the level of RF exposure in Eugene's residential neighborhoods. Such an increase carries potential health risks. The nature of these risks needs to be carefully considered before making a decision to deploy this technology.

Any decision-making process that ignores this possibility of harm could cause significantly damage both to community health and to EWEB's goodwill in the community.

ELECTROHYPERSENSITIVITY (EHS)

Microwave RF exposures can produce acute symptoms in some individuals. These symptoms can include headache, sleep disturbance, difficulty in concentration, memory disturbance, fatigue, depression, irritability, dizziness, malaise, tinnitus, burning and flushed skin, digestive disturbance, tremor, and cardiac irregularities. This syndrome was described by Russian researchers in the 1950's, who called it "microwave sickness". Between 1953 and 1978 the Russian government purposefully targeted the U.S. embassy in Moscow with beams of microwave RF, producing symptoms of microwave sickness in many embassy employees.

In recent years, the buildout of the wireless telecommunications infrastructure has greatly increased the exposure of the general public to microwave RF, and this has led to an increased number of individuals experiencing symptoms that are now referred to as "Electrohypersensitivity Syndrome" (EHS). Multiple research studies have shown a correlation between these symptoms and residential exposure to radio, radar, and cell tower transmissions.

The prevalence of EHS appears to be increasing, as the exposure of the public to RF continues to expand. Based on recent epidemiologic research, it would be reasonable to assume RF exposures provoke some sort of symptoms in between 3 and 5% of the population of Eugene at the current time. Any significant increase in residential RF exposure is likely to make these individuals more symptomatic, and to produce some new cases of EHS by pushing some other individuals beyond their tolerance limit.

ALTERED PHYSIOLOGY

Laboratory research in animal and human subjects has shown that "nonthermal" levels of RF exposure can alter EEG, immune function, and hormone levels including adrenal and thyroid hormones, testosterone, prolactin, progesterone.

Research shows that low levels of microwave RF exposure can reduce melatonin levels in humans, and that some individuals are more sensitive than others to this effect. The adverse effects of nighttime RF exposure on melatonin secretion are particulary disturbing. The nocturnal rise in melatonin levels supports the natural function of sleep, and disrupting this cycle can produce insomnia. Melatonin is an extremely potent antioxidant, and helps to repair damaged DNA and heal the body from other

effects of oxidant stress.

Melatonin is also protective against the growth of cancer cells, and disruption of the circadian melatonin cycle has been shown to lead to increased tumor growth in a variety of cancer types. Women who have lower levels of nocturnal melatonin are at greater risk for developing breast cancer. Reduced melatonin levels may also increase the incidence of prostate cancer.

OXIDATIVE STRESS AND DAMAGED DNA

In contrast with Xrays and gamma rays, Microwave radiation does not have sufficient power to directly break covalent bonds in DNA molecules. But microwave RF can produce resonance interactions with ions and with charged macromolecules, and such interactions can significantly alter biochemical functions. A large body of research has shown that microwave RF causes an increased production of free radicals and reactive oxidant species in living tissues, and that this increased oxidant stress damages DNA. This damage can and does occur at power levels well below those levels that could produce damage by thermal mechanisms.

Any chronic exposure to conditions that damage DNA can lead to an increased risk of cancer. Evidence of increased risk of certain types of cancer has been demonstrated in groups with occupational exposure to microwave RF, including radio technicians in private industry, military personnel, commercial airline pilots, and ham radio operators. Elevated levels of cancer have been demonstrated in populations with increased residential exposure to radio transmission towers. And in the last ten years, studies fro Israel, Germany, Austria, and Brazil have documented significant increased in breast cancer and other cancers in individuals living less than 500 meters from cell phone towers, with measured exposure levels much lower than those permitted by current FCC guidelines.

Research has also shown that RF exposure levels well within current guidelines can cause DNA damage and reduced fertility in insects, birds, amphibians and mammals, and can lower sperm counts, sperm motility, and sperm motility in human beings.

RISKS OF CELL PHONE USE

Cell phone use expanded dramatically in Europe and the United States in the late 1990's. Early studies of the cancer risks of cell phone use were hampered by short latency periods of exposure. In general, studies funded by industry have reported lower levels of risk than independently funded studies. But in the last four years, all but the most poorly designed studies have shown an increased risk of brain tumors with more than ten years of use—a level of exposure which appears to double the risk of brain tumor on the side of the head where the cell phone is customarily held. This risk is higher in those who started using cell phones as children.

CONCLUSIONS

Existing scientific research offers strong evidence that the chronic exposure of the public to microwave RF transmissions produces serious acute and chronic health effects in a significant portion of the population. These findings can be summarized in the following precepts:

Basic Precepts for Residential Exposures to RF Transmissions:

- Excessive RF exposure can cause acute problems (headaches, insomnia, fatigue, vertigo, tinnitus, other symptoms of EHS).
- Excessive RF exposure can also cause chronic problems (oxidative stress, cancer, male infertility).
- Constant RF transmission is probably harmful, even at low levels, and should be avoided.
- Frequent and repetitive intermittent transmissions are also probably harmful, and should be avoided.
- Nocturnal exposures are more problematic than daytime exposures, because of RF's potential to suppress nocturnal melatonin secretion and disturb sleep, and because night is the time when we rest and heal from stresses (including oxidative stress).
- Occasional and infrequent daytime exposures are much less likely to cause an increase in chronic problems for the population at large.
- Occasional and infrequent daytime exposures are still likely to provoke acute symptoms in a small percentage of the population.

EWEB should adopt a policy of minimizing their RF footprint in the community.

A recognition of these precepts should lead EWEB to adopting a policy of minimizing their infrastructure's RF footprint in the community as much as possible during regular operations. This doesn't mean that staff would throw away their cell phones and communicate by semaphore. But it would mean that instead of combatting or ignoring the possibility that more RF in the community could cause harm, EWEB should acknowledge the potential risks of excessive residential exposure.

This would mean that such potential risks would be seriously considered in any discussion of the total risks and benefits involved (the "Total Bottom Line"), as EWEB decides *whether* to use RF technology for any given purpose. If, after such a discussion, a considered decision is made to use RF technology, then these same potential risks should be taken into serious consideration in determining *how* to use this technology in a manner that would minimize potential harm to the community.

In other words, don't use RF when you don't have to. Use hard-wired connections wherever it is feasible to do so. And if you do use RF, design the infrastructure in a way that uses as little of it as possible.

In the final section of this report, we discuss the perspectives that such a policy might bring to a consideration of the available AMI technologies.

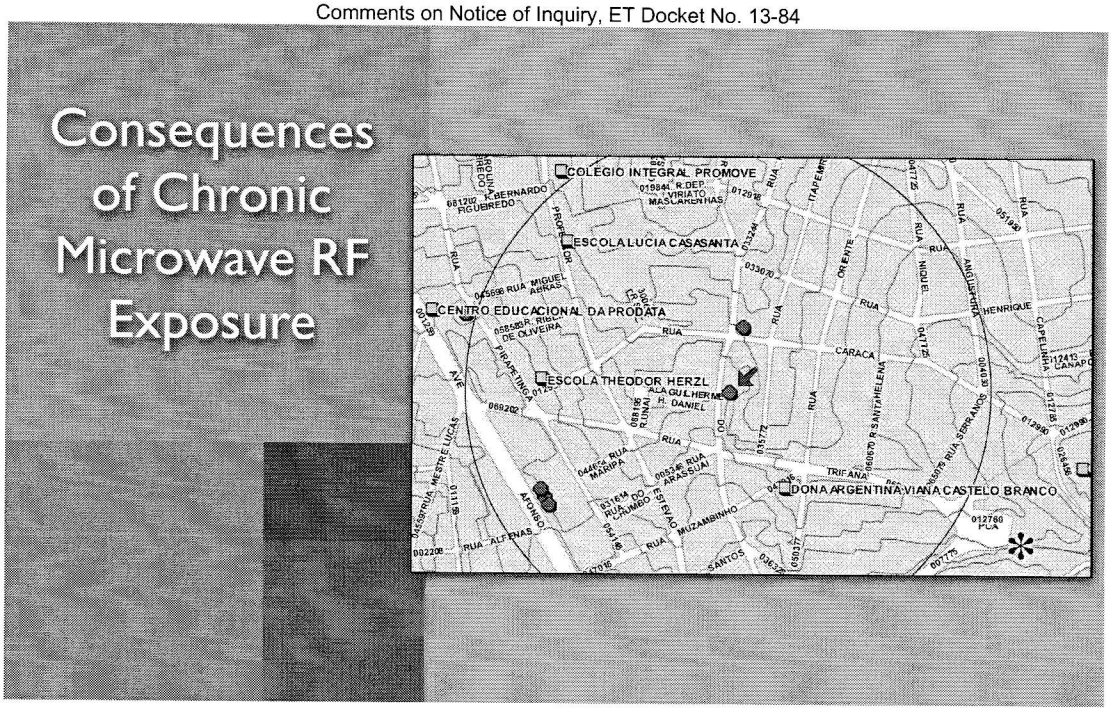
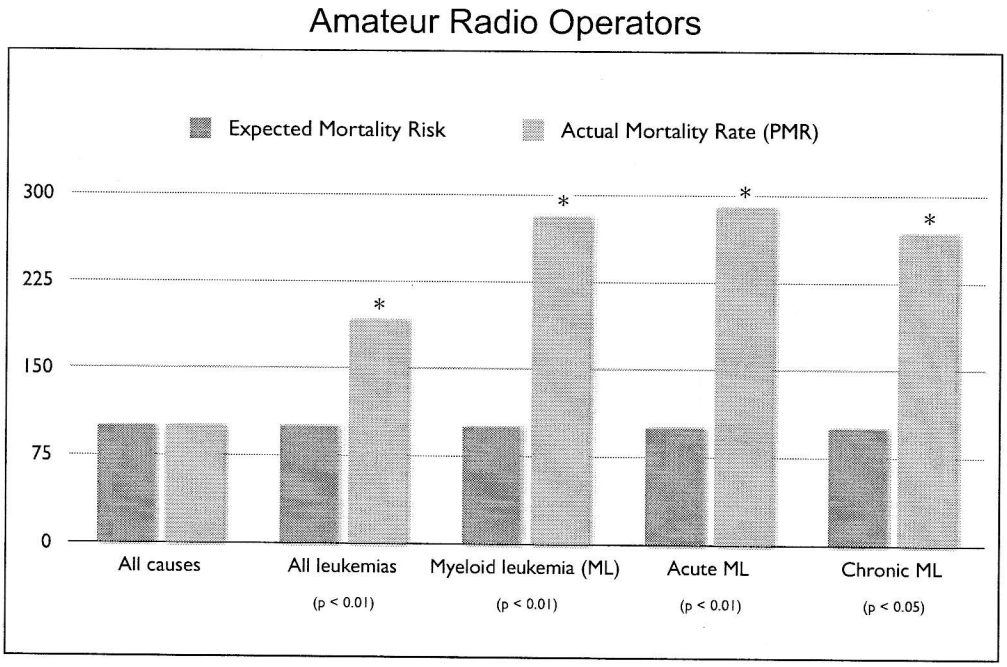


Fig. 2. Geographical location of BS Site BH 20 at 1373 Rua do Ouro Street, in the Serra neighborhood, Belo Horizonte municipality

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.



Analysis of leukemia deaths in male members of the American Radio Relay League resident in Washington and California, 1971-1983

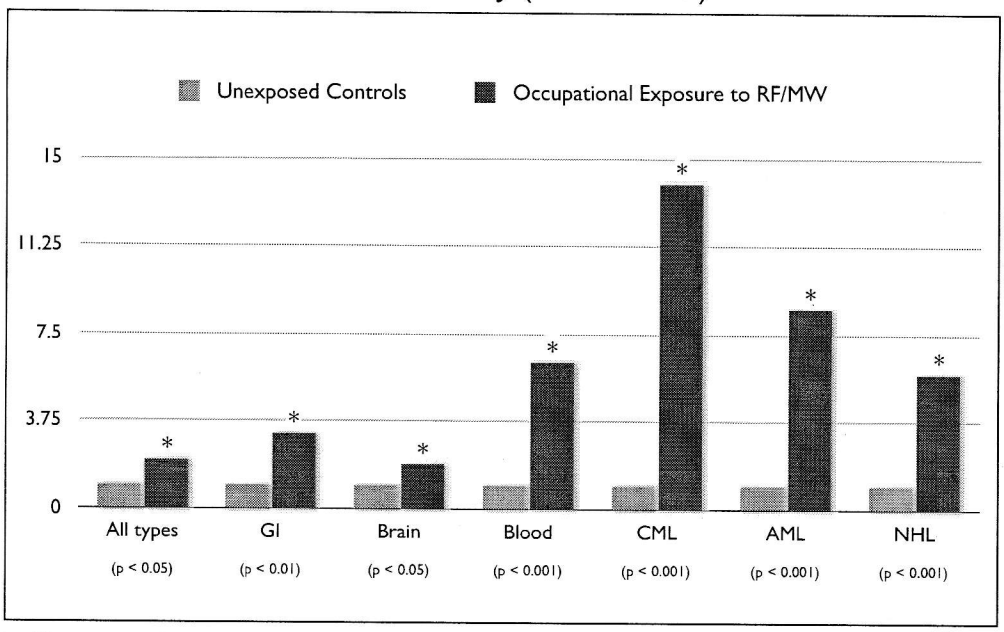
Milham SJ. Silent keys: leukaemia mortality in amateur radio operators. *Lancet* (1985); 1(8432):812.

Cherry N. Evidence in support of the a priori hypothesis that Electromagnetic Radiation across the spectrum is a Ubiquitous Universal Genotoxic Carcinogen. (2002):1-52. http://www.neilcherry.com/documents.php

Exhibit 7.5

Exhibit 7.6

Polish Military (1971-1985)



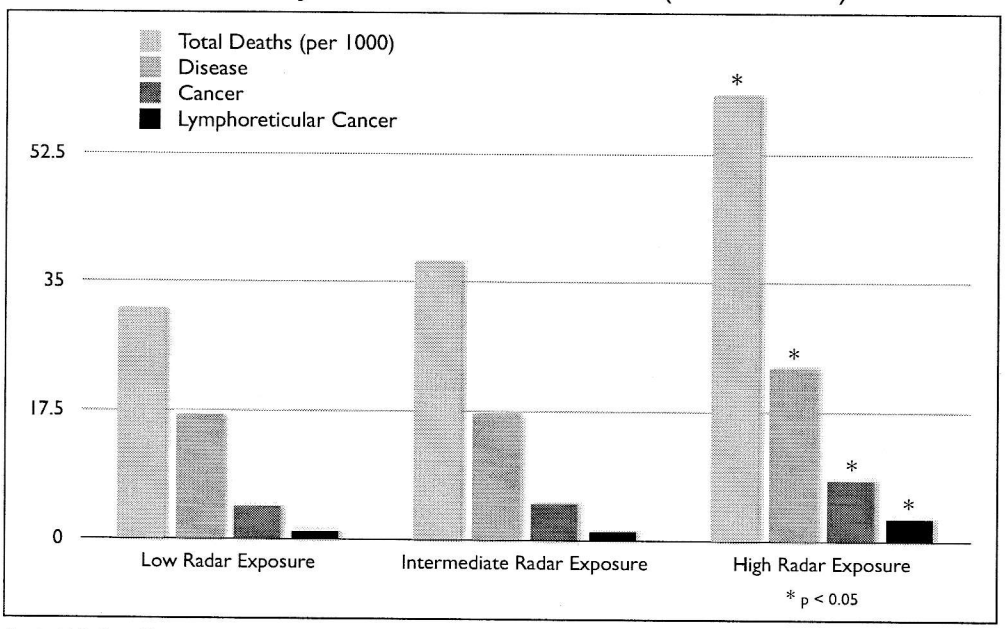
Polish military personnel with occupational exposure to radio and microwave frequency radiation.

Odds ratio of cancer incidence (1971-1985)

CML = chronic myelocytic leukemia
AML = acute myeloblastic leukemia
NHL = non-Hodgkin lymphoma

Szmigielski S. Cancer morbidity in subjects occupationally exposed to high frequency (radiofrequency and microwave) electromagnetic radiation. *Sci Total Environ* (1996); 180(1):9-17.

U.S. Navy Korean War Veterans (1950-1974)



Mortality in U.S. Navy Korean War Veterans (1950-1974) stratified by levels of occupational radar exposure.

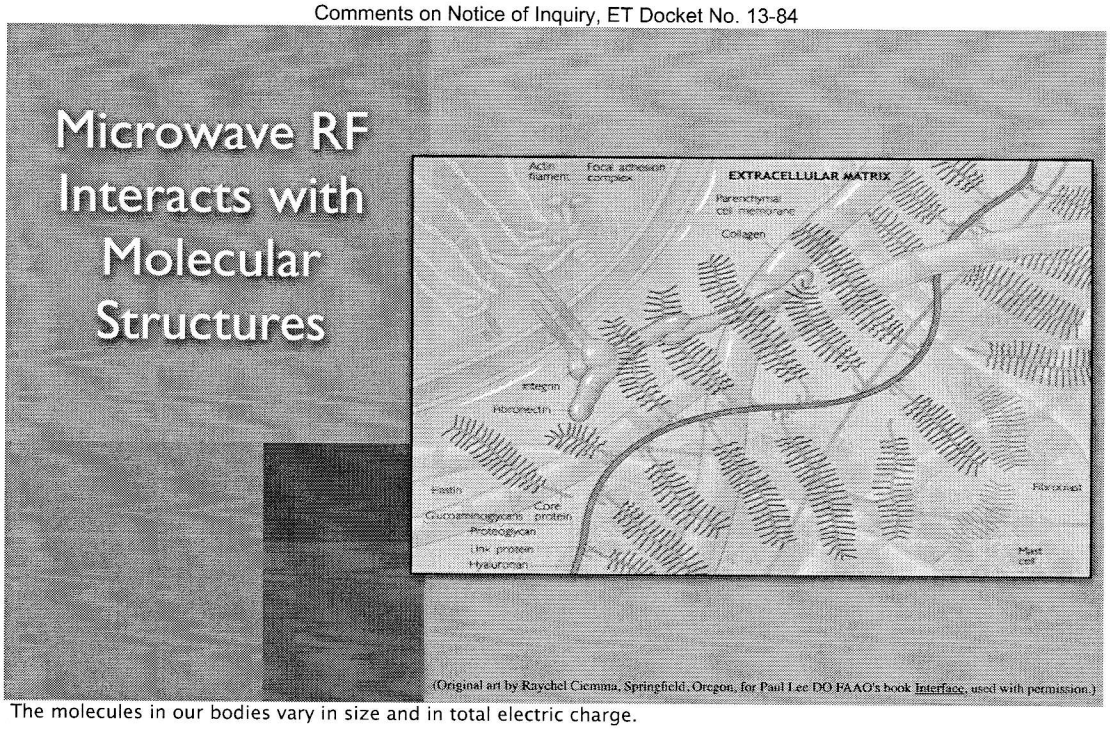
Mortality 1950-1974. (Y axis = crude mortality per 1000) Stratified by level of radar exposure.

In the original paper, Robinette et al evaluated job exposure hazard levels of 6 categories of navy personnel and grouped them into two groups, low exposure and high exposure. The electronic technicians (ET) had a significantly lower hazard rating and lower levels of pathology than the other two job categories in the high risk group, so this classification diluted out the high exposure risk pool.

Dr. Cherry took Robinette et al's published data and divided the workers into three exposure levels. The above chart is the result of Dr. Cherry's analysis of the data set.

Robinette CD, Silverman C, Jablon S. Effects upon health of occupational exposure to microwave radiation (radar). *Am J Epidemiol* (1980); 112(1):39-53.

Cherry N. Health Effects in the vicinity of Radio/TV towers and mobile phone base stations. (2002): 1-40. http://www.neilcherry.com/documents.php



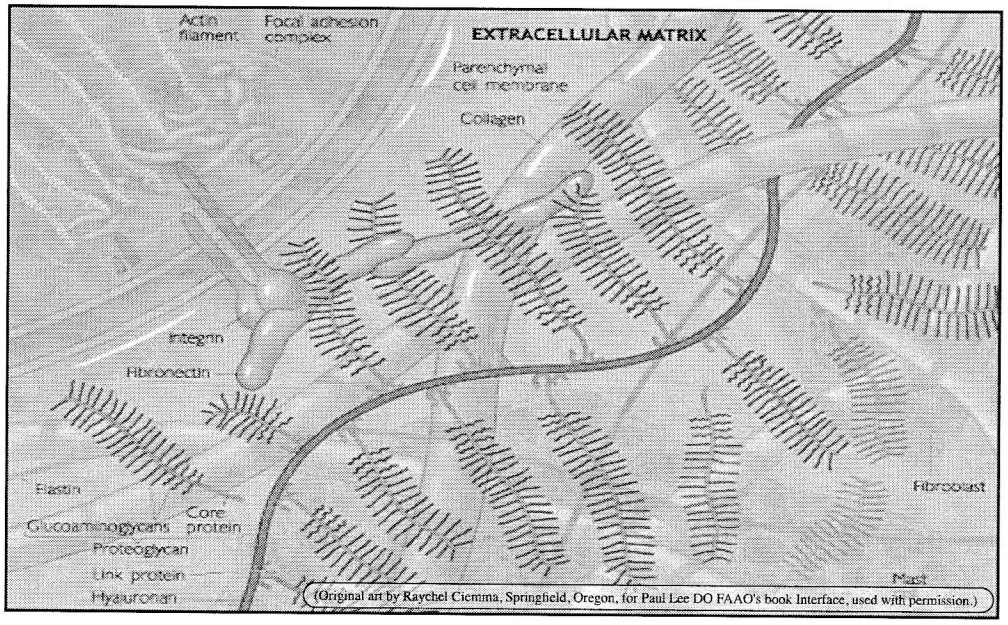
The molecules in our bodies vary in size and in total electric charge.

These molecular structures of our body can resonate with fluctuating electromagnetic fields.

Any charged particle has a resonant frequency.

This frequency varies depending on the total mass and charge of the particle.

Molecules resonate in fluctuating electromagnetic fields.

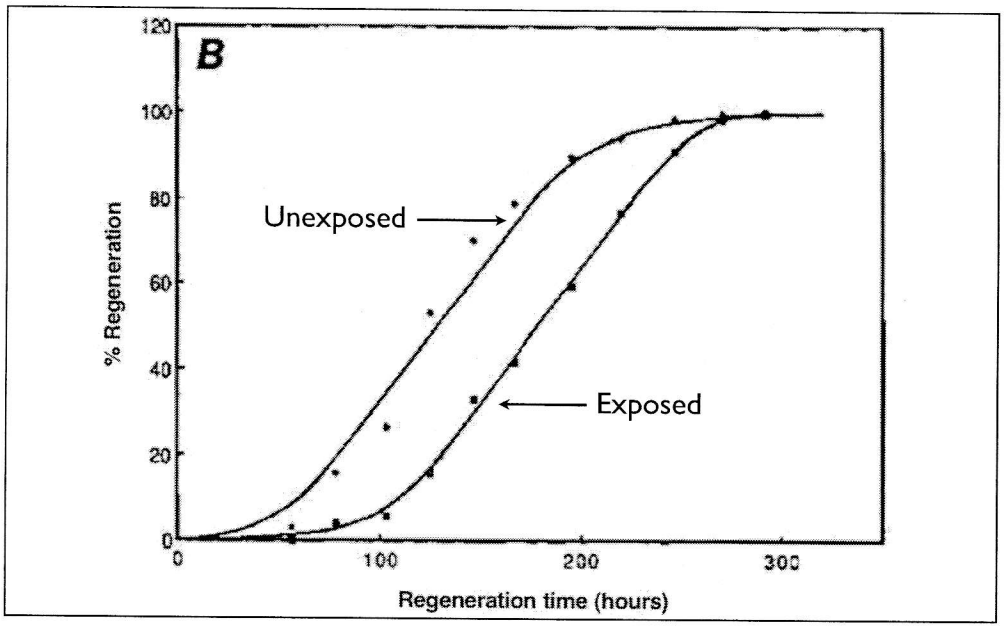


The molecules in our bodies vary in size and total electric charge.

These molecular structures of our body resonate with fluctuating electromagnetic fields.

Exhibit 7.7

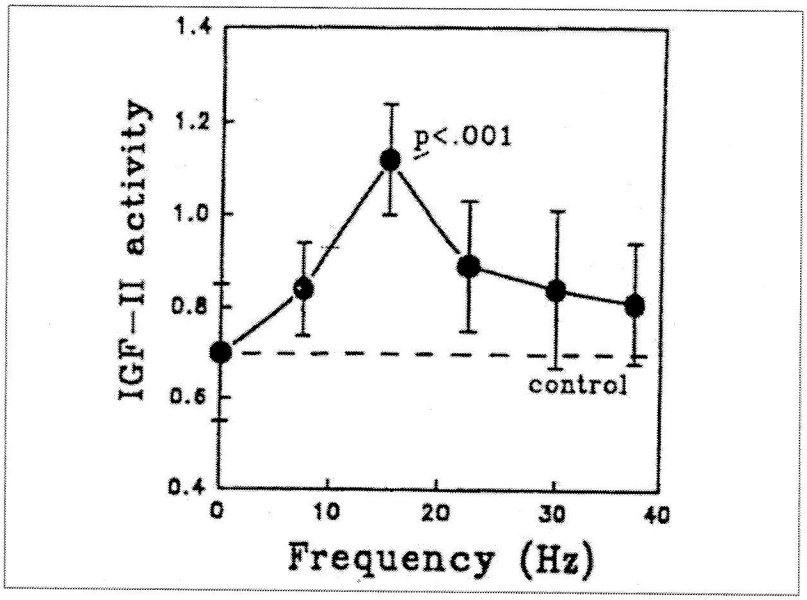
Resonance Effect



Planaria exposed to a magnetic field fluctuating at the calcium ion's ICR frequency take far longer (48 hours) to regenerate than those that are not exposed.

Liboff A. Weak low-frequency electromagnetic fields are biologically interactive. In: Giuliani L, Soffritti M, eds. Non-Thermal Effects and Mechanisms of Interaction Between Electromagnetic Fields and Living Matter -- An ICEMS Monograph. Fidenza, Italy: Mattioli, (2010): 51-61. *http://www.ramazzini.it/ricerca/publications.asp*

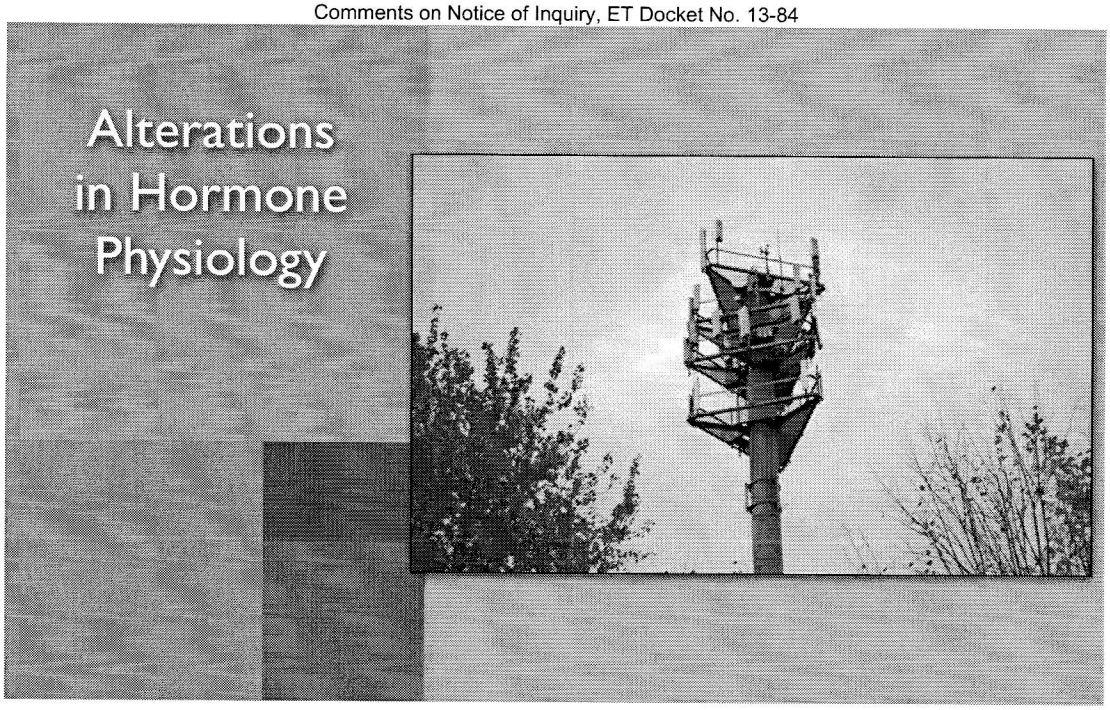
"frequency window"



Some effects of fluctuating EMF occur at specific frequencies, called "frequency windows".
The peak in IGF-II expression for human osteosarcoma bone cells exposed to combined magnetic fields occurs when the field is tuned to the calcium ion's ICR frequency

Liboff A. Weak low-frequency electromagnetic fields are biologically interactive. In: Giuliani L, Soffritti M, eds. Non-Thermal Effects and Mechanisms of Interaction Between Electromagnetic Fields and Living Matter -- An ICEMS Monograph. Fidenza, Italy: Mattioli, (2010): 51-61. *http://www.ramazzini.it/ricerca/publications.asp*

Exhibit 7.8



Rimbach, Bavaria (2004 - 2005)

In spring of 2004 a GSM cell tower was installed near Rimbach, Bavaria (population ~ 2000).

Prior to activation of the antenna, the town residents were asked to participate in a mass screening.

Urine levels of the stress hormones adrenaline, noradrenaline, dopamine, and phenylethylamine were measured in January/February 2004, and again in July 2004, January 2005, and July 2005.

A medical history and symptom questionnaire was also administered.

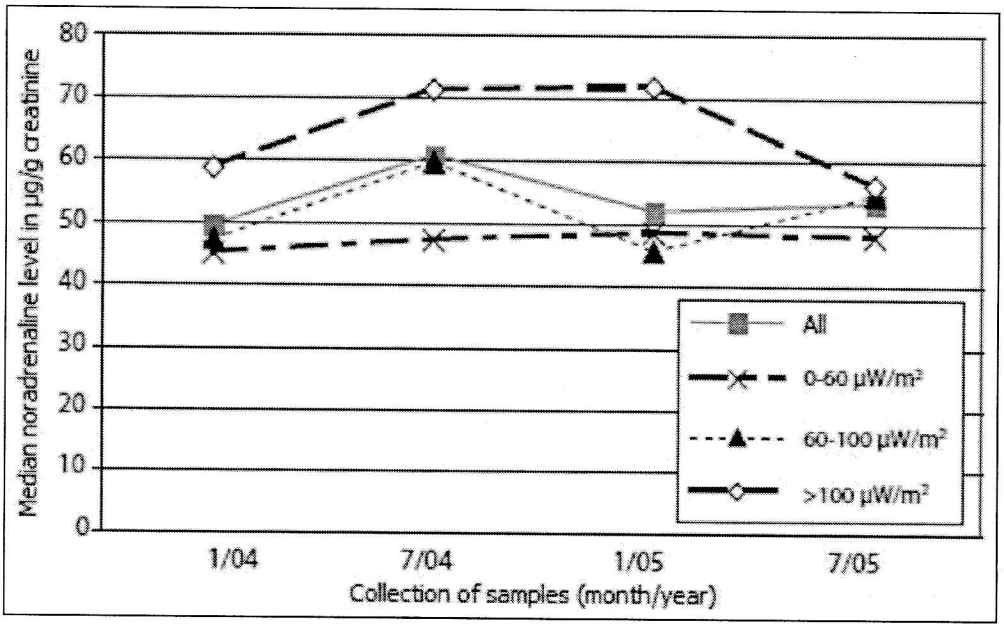
-

Buchner K EH. Changes of Clinically Important Neurotransmitters under the Influence of Modulated RF Fields--A Long-term Study under Real-life Conditions. *Umwelt-Medizin-Gesellschaft* (2011); 24(1):44-57.

Exhibit 7.90

Exhibit 7.91

Noradrenaline levels



Noradrenaline levels also rose after the transmitter became active.
They never returned to pre-exposure baseline.

Fig. 7: Median noradrenaline levels in all participating citizens of Rimbach as a function of GSM power density levels (peak values)

Effect of cordless DECT phones.

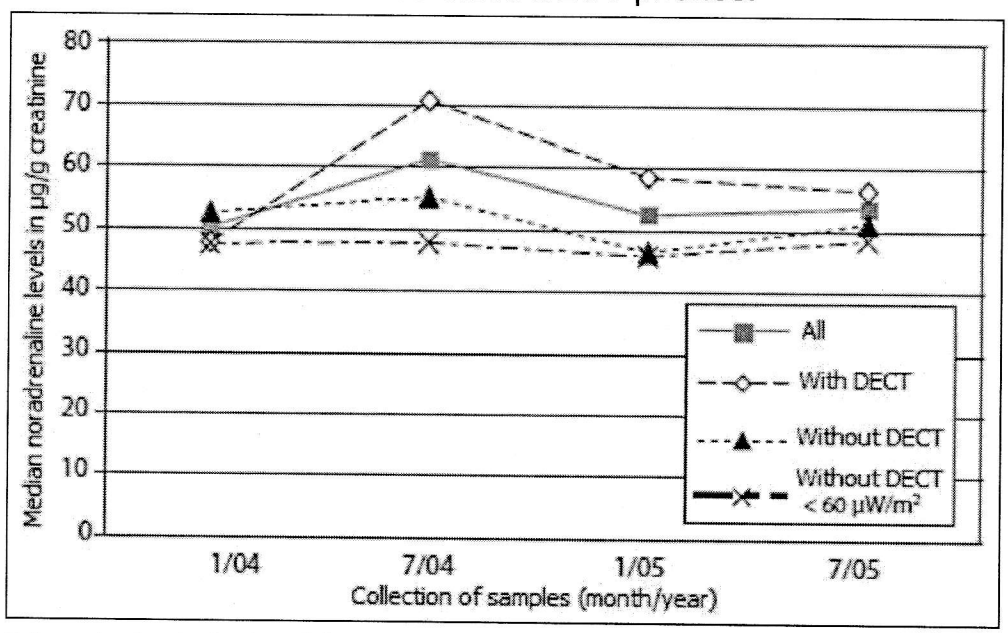
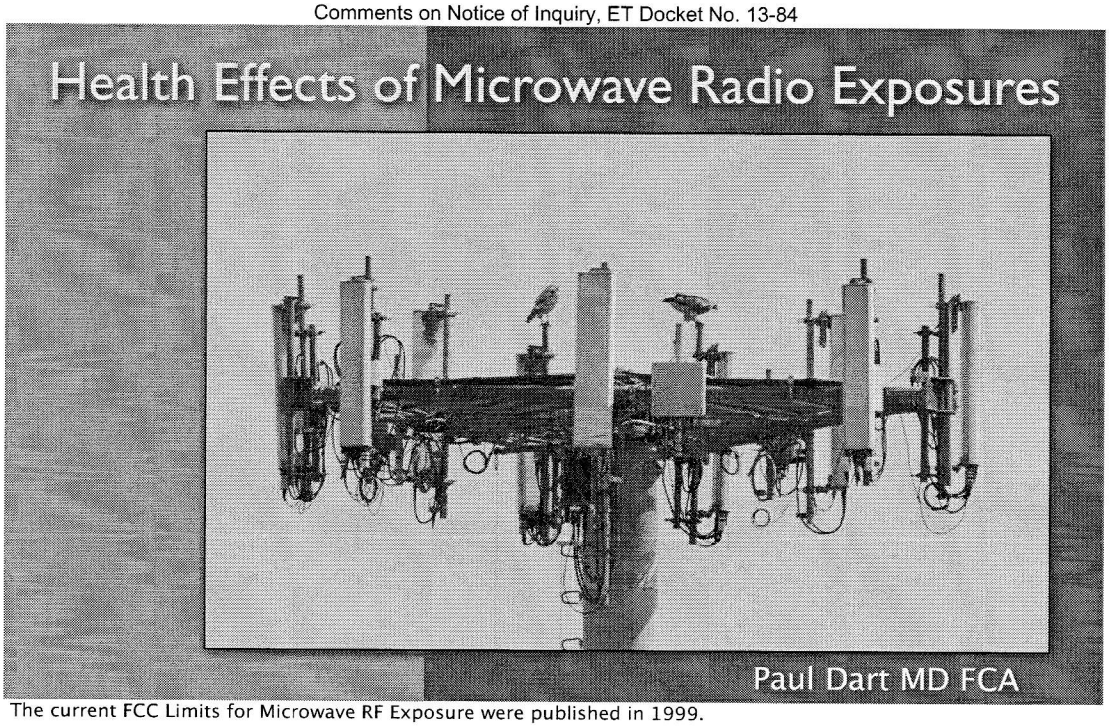


Fig. 8: Median noradrenaline values for subjects who had a DECT phone or other wireless devices at home, for those without indoor wireless devices, as well as for subjects without indoor wireless devices and with a GSM radiation exposure up to 60 µW/m2 (peak value measured in front of residence)

Buchner K EH. Changes of Clinically Important Neurotransmitters under the Influence of Modulated RF Fields--A Long-term Study under Real-life Conditions. Umwelt-Medizin-Gesellschaft (2011); 24(1):44-57.

Abstract: This follow-up of 60 participants over one and a half years shows a significant effect on the adrenergic sys- tem after the installation of a new cell phone base station in the village of Rimbach (Bavaria). After the activation of the GSM base station, the levels of the stress hormones adrenaline and noradrenaline increased significantly during the first six months; the levels of the precursor dopamine decreased substantially. The initial levels were not restored even after one and a half years. As an indicator of the dysregulated chronic imbalance of the stress system, the phenylethylamine (PEA) levels dropped significantly until the end of the study period. The effects showed a dose-response relationship and occurred well below current limits for technical RF radiation exposures. Chronic dysregulation of the catecholamine system has great relevance for health and is well known to damage human health in the long run.



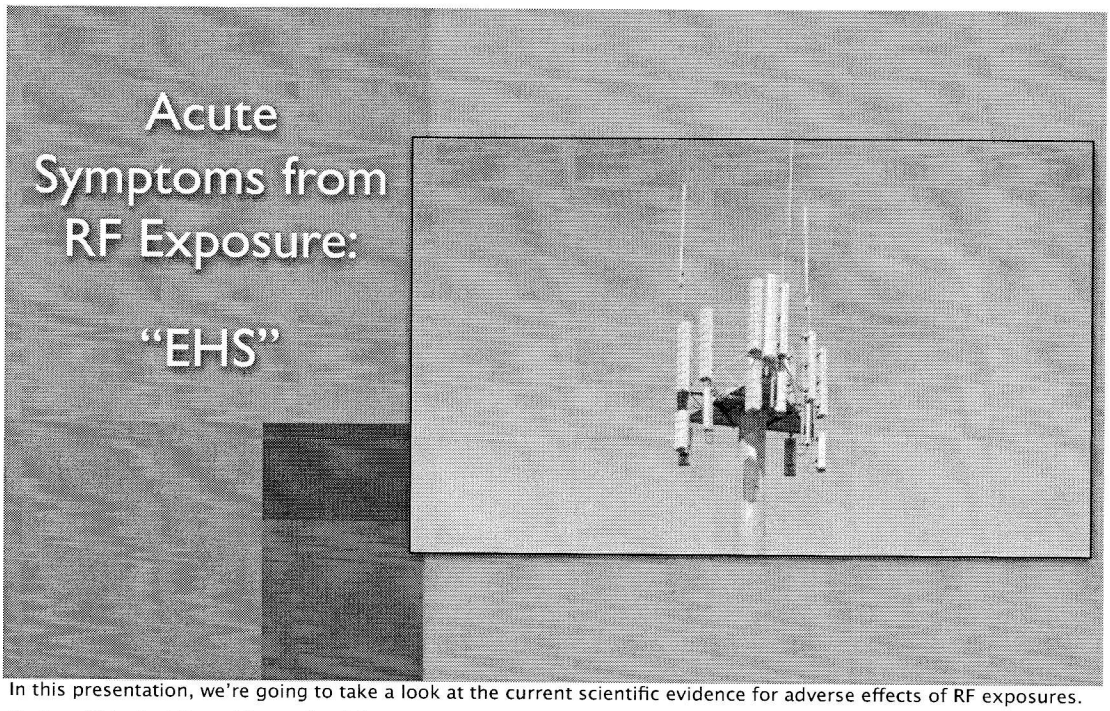
The current FCC Limits for Microwave RF Exposure were published in 1999.

These guidelines are only designed to protect the public against the thermal effects of microwave RF.

The FCC has explicitly stated that they do not make any regulations or assurances whatsoever regarding the "nonthermal" biological effects of lower level microwave RF exposures (other physiologic effect besides heat damage).

Many statements from industry spokesmen state that "not enough is known" about these exposures to identify risk, or that there is "insufficient" or "incomplete" evidence regarding such risks, or that there is "no scientific consensus" on this risk.

This implies that there isn't much scientific information on this subject. But actually, there is a great deal of research documenting adverse biological effects from low level RF exposures.



In this presentation, we're going to take a look at the current scientific evidence for adverse effects of RF exposures.

First, we'll look at the evidence that RF exposures can produce acute symptoms in many individuals.

Then we'll look at the evidence that RF exposures alter hormone physiology and increase oxidative stress in living systems.

Then we'll review the evidence that such alterations in physiology can damage DNA, increase the incidence of some forms of cancer, and decrease fertility in animals and in human beings.

Exhibit 7.92

U.S. Embassy, Moscow (1953-1978)

Exhibit 7.93

Acute symptoms provoked by microwave radiation were first described by Russian medical researchers in the 1950's. They described a constellation of symptoms including headache, ocular dysfunction, fatigue, dizziness, sleep disorders, dermatographism, cardiovascular abnormalities, depression, irritability, and memory impairment.

In the years **between 1953 and 1978** the Russian government harrassed the U.S. Embassy in Moscow by targeting it with radiation from a microwave transmitter positioned on the roof of a nearby building.

Exposed embassy staff experienced a statistically significant excess of several problems, including: depression, irritability, difficulty in concentrating, memory loss, ear problems, skin problems, vascular problems, and other health problems. Symptom incidence increased significantly with accrued years of exposure.

Exposure levels inside the building were in the order of **2 to 28 μW/cm² (FCC Guidelines: 600 μW/cm²)**

U.S. Embassy, Moscow (1953-1978)

50272-101

REPORT DOCUMENTATION PAGE	1. REPORT NO.	2.	3. Scientific Accession No. PB288163
4. Title and Subtitle: Evaluation of Health Status of Foreign Service and other Employees from Selected Eastern European Posts			5. Report Date: July 31, 1978 6.
7. Author(s): Abraham M. Lilienfeld, M.D. Principal Investigator			8. Performing Organization Rept. No.
9. Performing Organization Name and Address: Department of Epidemiology School of Hygiene and Public Health The Johns Hopkins University			10. Project/Task/Work Unit No. 11. Contract(C) or Grant(G) No. (C) 6025 619073 (G)
12. Sponsoring Organization Name and Address: Medical Director Office of Medical Services Department of State Washington, D C			13. Type of Report & Period Covered Final 1953 - 1976 14.

15. Supplementary Notes
Released publicly November 20 simultaneously by Department of State and The Johns Hopkins University.

16. Abstract (Limit: 200 words)

This is a biostatistical study of 1827 Department of State employees and their dependents at the Moscow Embassy and 2561 employees and their dependents from other Eastern European Embassies. Health records, health questionnaires and death certificates were the basic information sources. The study is the impact of the Moscow environment including microwave exposure on the health status and mortality of the employees. It was concluded that personnel working at the American Embassy in Moscow from 1953 to 1976 suffered no ill effects from the microwaves beamed at the Chancery.

Concern about health effects among Embassy personnel led to a detailed study by A.M. Lilienfeld, an epidemiologist at Johns Hopkins University. The abnormalities found in this study were an embarrassment to the U.S. government, since the levels of exposure experienced by embassy staff inside the building were in the order of **2 to 28 microwatts/cm2**, a level dramatically below the described U.S. safety standards for microwave exposure. It appears that the conclusions of the study were altered to soft-pedal any abnormal findings.

Lilienfeld AM LGM, Cauthen J, Tonascia S, Tonascia J. Evaluation of health status of foreign service and other employees from selected eastern European embassies. *Foreign Service Health Status Study, Final Report; Contract No. 6025-619037 (NTIS publication P8-288 163/9)* (1979); 1-447.

Liakouris AG. Radiofrequency (RF) Sickness in the Lilienfeld Study: An Effect of Modulated Microwaves? Archives of Environmental Health (1998); 53(3):236-238.

Goldsmith JR. Where the trail leads. Ethical problems arising when the trail of professional work leads to evidence of a cover-up of serious risk and mis-representation of scientific judgement concerning human exposures to radar. *Eubios Journal of Asian and International Bioethics* (1995b); 5(4):92-94.

Cherry N. Evidence of Health Effects of Electromagnetic Radiation, To the Australian Senate Inquiry into Electromagnetic Radiation (2000): 1-84. *http://www.neil- cherry.com/documents 90_m1_EMR_Australian_Senate_Evidence_8-9-2000.pdf*

Exhibit 08

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Federal Communications Commission

445 12th Street SW, Washington, DC 20554

United States Government Accountability Office

GAO

Report to Congressional Requesters

Exhibit 09.1

July 2012

TELECOMMUNICATIONS

Exposure and Testing Requirements for Mobile Phones Should Be Reassessed

G A O

Accountability * Integrity * Reliability

GAO-12-771

Exhibit 09.2

GAO
Accountability * Integrity * Reliability

United States Government Accountability Office
Washington, DC 20548

July 24, 2012

The Honorable Henry A. Waxman
Ranking Member
Committee on Energy and Commerce
House of Representatives

The Honorable Anna G. Eshoo
Ranking Member
Subcommittee on Communications and Technology
Committee on Energy and Commerce
House of Representatives

The Honorable Edward J. Markey
House of Representatives

Mobile phone use in the United States has risen dramatically over the last 20 years, and Americans increasingly rely on mobile phones as their sole or primary means of telephone communication.[1] The rapid adoption of mobile phones has occurred amidst controversy over whether the technology poses a risk to human health. Like other devices that transmit radio signals, mobile phones emit radio-frequency (RF) energy. At high power levels, RF energy can heat biological tissue and cause damage. Though mobile phones operate at power levels well below the level at which this thermal effect occurs, the question of whether long-term exposure to RF energy emitted from mobile phones can cause other types of adverse health effects, such as cancer, has been the subject of research and debate.

The Federal Communications Commission (FCC) and the Food and Drug Administration (FDA) share regulatory responsibilities for mobile phones. FCC, in compliance with the National Environmental Policy Act of 1969, regulates RF energy emitted from FCC-regulated transmitters, including mobile phones.[2] Toward that end, FCC has implemented a certification

[1]In this report, we use the term "mobile phone" to refer to handheld (i.e., wireless) cellular telephones, including newer personal communication devices, such as "smart phones," that can deliver voice, data, and images.

[2]47 C.F.R. § 1.1307(b)(2).

Exhibit 10.0

ELECTROPOLLUTION, HORMONES AND CANCER

Electromagnetic radiation from cellphones, towers and electrical appliances as well as new wireless technologies stresses our health by disrupting hormonal action and physical processes, in some cases triggering cancer.

by Sherrill Sellman, ND © 2007

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Website:
http://www.whatwomenmustknow.com

More than a decade ago, NEXUS (vol. 3, nos 4–5) published my first article, "Hormone Heresy", which challenged the medicalising and pathologising of women's hormonal health in the enthusiastic (and dangerous) prescribing of hormone replacement therapy and oral contraceptives. It is now a well-established fact that these drugs are harmful and have contributed to the health problems (and deaths) of women worldwide. I have continued to research, write and lecture about the many myths and misinformation regarding women's hormonal health in my ongoing pursuit of truthful information for hormonal well-being.

Our inescapable exposure to electropollution has many profound effects on our health. This article explores another important yet rarely understood consequence of electropollution: its ability to wreak havoc on the hormonal systems of women and men. As it turns out, electropollution is a very powerful hormone disruptor.

Our Wired and Wireless World

A defining moment in world history occurred in 1879 when Thomas Edison switched on the first light bulb. The flick of that switch radically transformed our world forever. The Age of Electricity was born. It is now impossible to imagine 21st-century life without this energy source, not to mention all of the technology and life-enhancing devices it has generated. However, even the genius of Edison could never have foreseen the global health challenges created from his discovery.

Power lines, transmitters, electrical wiring and appliances create both electric and magnetic fields—invisible lines of force that surround any electrical device. Our love affair with all things electrical means that we are now living in a dense sea of electromagnetic energy waves, called electromagnetic radiation (EMR), which are estimated to be 100 to 200 million times greater in prevalence than a hundred years ago.

Compounding the problem is the explosion of wireless technology such as cellphones (mobile phones), Bluetooth, PDAs (personal digital assistants), Wireless Internet, WiFi (wireless fidelity, which allows for Internet access in airports, hotels, coffee shops and schools, etc.) and powerful microwave-emitting towers that are required for transmission. This pervasive wireless world emits a particular spectrum of electromagnetic radiation that has its own damaging effects on living systems.

Within just two decades, wireless technology has exploded onto the global scene. Currently there are more than 236 million cellphones in the USA, 20 million in Canada and 19 million in Australia. In addition, millions of cellphone towers have appeared in the landscape around the world and thousands of communities either have WiFi or are considering implementing it. The Wi-Fi hot-spot phenomenon is expected to burgeon from 12,400 locations in the USA and Canada by the end of 2007 to 78,000 by 2008.

In just 25 years, the great majority of the human race has been exposed to a massive amount of electromagnetic radiation. Our homoeostasis is now being thrown into turmoil by unprecedented levels of all forms of EMR, seriously compromising our body's ability to function properly.

What You Can't See Can Still Hurt You

A growing body of scientific research acknowledges that, presently, the greatest threat to our health and well-being (and to that of all life-forms) is an insidious, all-pervasive and invisible form of pollution called "electropollution". Many health issues have been linked to EMR exposure, including various cancers (especially brain, eye, ear and leukaemia,),[1,2]

Exhibit 10.1

miscarriages,[3] birth defects,[4] chronic fatigue syndrome,[5] headaches,[6] chronic stress,[7] nausea and heart problems,[8] autism,[9] learning disabilities,[10] insomnia and Alzheimer's disease.[11]

Whatever your thoughts may be about living in this high-tech world, this technology poses serious health threats to us all. Robert Becker, MD—author of *Cross Currents: The Perils of Electropollution*,[12] medical researcher, expert on electromagnetic radiation and twice Nobel Prize nominee—is very concerned about electropollution: "I have no doubt in my mind that at the present time, the greatest polluting element in the earth's environment is the proliferation of electromagnetic fields. I consider that to be far greater, on a global scale than warming...and the increase in chemical elements in the environment."[13]

Anatomy of Electropollution 101

The 100 trillion cells of the human body communicate with each other via subtle, low-frequency electromagnetic signals as well as through biochemical reactions. These signal pathways carry the information that becomes translated into all the biochemical and physiological processes of the body. Continuous exposure to electromagnetic radiation can drastically distort and disrupt these cellular communication pathways, resulting in abnormal cellular metabolism and, ultimately, disease.

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Electropollution-induced biological stress profoundly compromises normal physiology and intercellular communication. Imagine the chaos that results when communication systems go down in a city. In the body, on a cellular level, a similar chaos is created when normal processes shut down and intercellular communication is disrupted. Cell function deteriorates, cell membranes harden, nutrients can't get in and toxins can't get out. The breakdown of healthy cellular processes leads to biological chaos in our bodies.

Hundreds of studies have shown the harmful effects of EMR on the immune system,[14] enzyme synthesis,[15] the nervous system,[16] learning, moods and behavioural patterns.[17] All aspects of life at the molecular, cellular, biochemical and physiological levels can potentially be damaged by EMR exposure.

EMR, Melatonin Suppression and Cancer

Hormones are powerful substances. They pack a big wallop, considering the tiny amounts that are produced by the endocrine glands. Most hormones, such as oestrogen, progesterone, testosterone, insulin and melatonin, are made in parts per billion or parts per trillion. Even small hormonal fluctuations can create major physiological changes. As profound orchestrators of all of life's processes, maintaining hormonal balance is imperative for optimum health. When delicate hormonal balance and rhythms are altered, the body's ability to regulate fundamental systems goes haywire.

Our modern lifestyle poses many threats to optimal endocrine function. Stress, toxicity, poor-quality food, sleep deprivation and pharmaceutical medications are all known hormone disruptors.

However, there is one particular kind of hormone disruptor that has been seriously overlooked: electromagnetic radiation.

Perhaps one of the most serious consequences of EMR exposure is its effect on our hormonal systems. Embedded deep within the brain is a light-sensitive endocrine gland, the pineal gland, which is about the size of a pea. Since ancient times, the pineal gland has been associated with the mystical all-seeing "third eye". Once dismissed as a useless gland, the pineal, which in fact is a light-sensitive organ, is now considered to be one of the most significant glands in the body.

The pineal gland is the primary source of the hormone melatonin. Discovered 50 years ago, melatonin is now hailed as a miraculous hormone, regulating many key functions of human growth and health and providing powerful anticancer protection. Melatonin is produced about 90 minutes after one falls asleep. Studies have shown that blood concentrations of the hormone rise after dark from low daytime values and usually peak in the middle of the night. Because the pineal gland responds to signals transmitted by the optic nerves, bombarding a person's eyes with bright light during the night can erase the usual nocturnal melatonin surge and lower the overall melatonin production for the day. Artificial light during sleep has a far more significant depressive effect than natural light.

Researchers are increasingly surprised at the extent of the physiological processes that are either controlled or influenced by melatonin. It regulates our circadian rhythms governing our waking/sleeping cycle and is one of the most efficient destroyers of free radicals, thereby ensuring that DNA synthesis and cell division occur. Melatonin not only inhibits the release of oestrogen but also actually suppresses the development of breast cancer.[18]

Melatonin's other anticancer property is its ability to increase the cytotoxicity of the immune system's killer lymphocytes. It is even able to enhance the immune system and counteract stress-induced immunosuppression. Melatonin's breast cancer fighting ability also addresses two other threats that can increase cell division in the breast: the hormone prolactin, and the hormone known as "epidermal growth factor".

Melatonin also enhances the tumour-fighting power of vitamin D and increases this vitamin's ability to stop tumour growth. In fact, it makes vitamin D's tumour-fighting ability 20 to 100 times stronger. In addition, melatonin acts as an aromatase inhibitor, a powerful protection against oestrogen-dependent cancers.[19]

Needless to say, it is vital to ensure the body's ability to produce regular and adequate levels of melatonin on a daily basis. Unfortunately, sleeping in a room surrounded by all our favourite devices—cordless phone, cellphone, digital clock, CD/radio player, computer and TV—can seriously suppress our nightly melatonin production. Suppression of melatonin by the pineal gland has been suggested as a pathway for EMR's deleterious effects on health.

In 2001, Dr Masami Ishido and colleagues at Japan's National Institute for Environmental Studies showed that breast cancer cells treated with melatonin would resume growing when exposed

Exhibit 10.2

to power-frequency EMR.[20] They found that magnetic fields disrupted the cells' signalling system—their internal communications network, which determines how they respond to their environment. In the process, Dr Ishido et al. also challenged one of the central tenets of mainstream toxicology: less is better and more is worse. The EMR effect he observed at 12 milligauss (mG) was pretty much the same as the one he saw when he used *a field 100 times higher*—at one gauss (1 G). Dr Ishido found indications that the effect was even stronger at the lower EMR dose than the higher one.[21] This mechanism has helped to explain why reduced melatonin levels from EMR have been shown to cause a number of cancers including breast, prostate, colorectal, melanoma, ovarian malignancies and childhood leukaemia.

It is now known that melatonin suppression occurs at frequencies not far above those of the common household ranges of 50 hertz (Hz) (e.g., in Australia) and 60 hertz (e.g., in USA). If you sleep next to a cordless phone base station and/or digital clock or have faulty electrical wiring, there'll be enough continuous EMR exposure to suppress night-time melatonin production.

The connection between breast cancer and EMR continues to strengthen. Dr Patricia Coogan and colleagues at the Boston University of Public Health reported a 43 per cent increased risk in women with a high likelihood of occupational exposure to magnetic fields, such as those given off by mainframe computers.[22]

It is now known that melatonin suppression occurs at frequencies not far above those of the common household ranges of 50 hertz (e.g., in Australia) and 60 hertz (e.g., in USA).

In fact, women who work in electrical jobs, including electricians, telephone installers, power line workers and electrical engineers have been shown to have a greater risk of dying from breast cancer. This increased incidence has been directly linked to the suppression of melatonin by EMR.

And it's not just women who should be concerned about EMR's causal link to breast cancer. In five studies, elevated EMR has been implicated in an increased incidence of male breast cancer. Men who worked as telephone linemen, in switching stations and in the utilities industry were found to have as much as a sixfold increase in breast cancer compared with the general male population.[23]

More Hormone Disruption from EMR

Experimental physiologist Dr Charles Graham found that magnetic fields have an effect on two other hormones. Overnight exposure of women to elevated levels of EMR in the laboratory significantly increased their level of oestrogen, which is a known risk factor for breast cancer.[24] In men, EMR exposure reduced the level of testosterone—a hormone drop that has been linked to testicular and prostate cancers.[25]

Dr Graham notes that a field's steady magnitude matters less than its intermittency or other features, such as power surges called "electrical transients". These surges can pack a big burst of energy into a short period of time. They occur whenever lights or other electric devices are turned on, when motors or compressors (such as those in refrigerators and air conditioners) cycle on, or when dimmer switches are operated. Transients are hard to avoid because they may stem from surges elsewhere—in a neighbour's house or even in power lines up the street. Dr Graham also believes that EMR may actually fit the definition of an endocrine disruptor better than many hormone-mimicking environmental pollutants because magnetic fields appear to elicit their effects by acting *on and through* hormones rather than *as* hormones.

Millions of women around the world are prescribed tamoxifen, the most popular drug given to prevent recurrence of breast cancer. A very significant study showed that tamoxifen lost its ability to halt the proliferation of cancer cells when exposed to EMR.[26] The level of EMR which produced this effect—12 mG or more—is found in common sources such as hairdryers, vacuum cleaners, can openers, computers, microwave ovens, desk lamps, blenders and electric clocks. What was even more troubling from further research was that while melatonin successfully reduced the growth rate of human breast cancer in a culture, when exposed to a 12 mG magnetic field it completely lost its ability to inhibit breast cancer cell growth.[27]

Women who are being treated for breast cancer with tamoxifen are rarely, if ever, advised to reduce exposure to EMR or to use adequate technologies to protect themselves from EMR exposure.

Neurotransmitters, a special class of hormones which includes serotonin and dopamine, play a major role in moods. Changes in serotonin levels are known to be associated with depression. For example, lowered levels of this chemical in the brain have been linked to an increase in suicide frequency.[28] One study examined the brain functions of monkeys exposed to 60 Hz magnetic fields. It was found that the levels of serotonin and dopamine (the latter affecting brain processes that control movement, emotional response and ability to experience pleasure and pain) were significantly depressed immediately following exposure, and that only the dopamine returned to normal level several months afterwards.[29]

Dr Becker reports: "It seems that there may be two types of clinical depression: one that is produced by simple psychosocial factors, and one that is produced by some external factor that influences the production of these psychoactive chemicals by the pineal gland. In view of the known relationship between the pineal gland and magnetic fields, it is advisable that the search for the responsible factor include an evaluation of the effect of abnormal electromagnetic fields."[30] He is backed up in his advice by other researchers.[31, 32]

Stress Hormones and EMR

Exposure to high levels of EMR also increases the level of adrenalin, the flight or fight hormone, released from the adrenal glands. B. Blake Levitt, author of *Electrical Fields*, states: "Prolonged chronic stress is detrimental to every anatomical system, including the reproductive one. Subliminal stress may affect fertility and elevate blood pressure, which can lead to heart disease and stroke, as well as suppress immune function ... even short EMR exposures, like the use of a cordless phone on and off throughout the day, could cause spikes in such hormone levels."[33]

The other stress hormone is cortisol, which affects long-term stress response. Also produced by the adrenals, cortisol is involved in glucose metabolism, blood pressure regulation, insulin release, inflammatory response, hormone balance and immune system function. The cortisol level also influences energy and memory. It should come as no surprise that EMR exposure has been found to cause increased serum cortisol.[34, 35]

Exhibit 10.3

Cellphones and Near Field Radiation

We now know that a very dangerous and specific form of EMR affecting the functioning of the brain and body is the information-carrying signal that is emitted from the cellphone's antenna, known as a "near-field plume". (Note that in newer cellphones, the antenna may be hidden and not be visible to the user; nonetheless, the near-field radiation is still a health issue.) The near-field radiation emanates outwards about 6–7 inches [approx. 15–18 centimetres] from the antenna in all directions. It is the result of a burst of power required to carry a radio signal to a base station that may be many kilometres away. Whenever we activate the phone to send or receive, whether it is held against the head, clipped to a belt or kept in a pocket, we are being exposed to dangerous information-carrying waves in the near field radiation plume.

The latest research shows that background radiation from the many EMR-emitting electrical appliances as well as the new wireless hot-spots equals the density of the information-carrying waves emitted from the near field. This means that there is danger not only close to the cellphone antenna, but also now in the general environment to which we are exposed every day.[36]

Although the wireless technology industry and some governmental agencies continue to assure the public of the safety of cellphones (in a way that is very reminiscent of the tobacco industry), the truth is that recent scientific evidence has revealed an emerging pattern of severe health problems caused from exposure to near-field radiation. Cellphones are anything but safe and harmless. Some of the specific biological problems include disruption to the blood-brain barrier, genetic damage, breakdown in cell-to-cell communication and increase in the risk of cancers.[37] The blood-brain barrier is a special filter in the blood vessels of the brain that keeps dangerous chemicals from reaching sensitive brain tissue and causing DNA to break. Near-field radiation is able to open up the blood-brain barrier, allowing damaging toxic chemicals a free ride into the brain tissue.

It is now acknowledged that headsets, far from being protective, can actually increase radiation emissions into the brain by as much as 300 per cent.

Near-field radiation also contributes to DNA damage. Many studies have found micronuclei (fragments of DNA with a surrounding membrane and with no physiological purpose) in the blood of people who use cellphones. Micronuclei result from a breakdown of the cell's ability to repair itself, and they indicate genetic damage. If the brain cells become unable to repair themselves, then tumours could develop.[38] More troubling is the fact that the presence of micronuclei can also indicate other health issues, e.g., compromised immunity, sleep disturbances, attention deficient disorders, autism and Alzheimer's disease. Since the body's master glands (pituitary, hypothalamus, pineal) are located within the brain, massive disturbances to the hormonal signalling capacities may potentially be generated from continual cellphone use.

Then there's the electrical circuitry from cellphones, which generates a competing energy that interferes with one's own biofield, or energy field. This kind of pervasive, or ambient, EMR compromises many physiological processes. When a cellphone is clipped onto the belt or kept in a pant pocket, this ambient field most powerfully affects the tissues and organs that it is closest to, particularly in the pelvic area. Two studies have already shown a 30 per cent reduction in sperm count in male mobile phone users. As more women clip their cellphone to their belt, female reproductive organs may also be at risk.[39, 40]

A word of caution also needs to be mentioned about the dangers caused by ambient radiation from headsets. It is now acknowledged that headsets, far from being protective, can actually increase radiation emissions into the brain by as much as 300 per cent. Bluetooth technology is especially dangerous. The only safe headset to use is a hollow air-tube headset.

Cellphones, Cell Membranes and Carrier Waves

In recent years, exposure to radio frequencies emitted from cellphones and wireless communication devices has taken centre stage, implicated as causing serious physiological damage to cells.

Initially the wireless technology industry and the US government did not consider radio frequencies from cellphones to be a health risk. Despite massive evidence to the contrary, the industry still maintains that position. In the early days of this technology, it was believed that only a thermal effect, the heating of tissues (such as what occurs in a microwave oven), resulted in damage to tissues. Since cellphones do not have enough power to heat tissue, the US government did not require any studies to be done to investigate the potential health problems.

However, emerging science has discovered that the problem with cellphones does not come from power output (thermal effect) but rather from the information piggybacking on the so-called "carrier wave" emitted from and received by the cellphone's antenna. This is called an "information-carrying radio wave" (ICRW). It is a frequency that conveys specific packets of information, allowing the transmission of various features of cellphones, e.g., voice, text, graphics, etc.[41] Herein lies the problem: this ICRW has a frequency that has never before existed in nature; our cells are totally unfamiliar with it and perceive it as a dangerous foreign invader.

The latest research has clearly identified the biological mechanisms of harm caused by ICRWs. We have special receptor sites, called "microtubules", on our cell membranes which can sense frequencies. The receptor sites interpret the ICRW as an unknown, threatening energy. Instantaneously the cell membrane will go into a protective lock-down mode. This means that nutrients cannot get into the cell and toxins and waste products cannot get out. It also means that vital cell-to-cell communication is lost.[42] This effect is immediate and lasts for as long as a person is exposed to the ICRWs. The longer this condition persists, biological damage occurs—often resulting in free radical damage, genetic mutation, loss of cellular energy, premature ageing and, ultimately, degenerative disease.

If anyone should know about the harmful effects of cellphones and wireless technology, it is George Carlo, MD, PhD, author of *Cell Phones: Invisible Hazards in the Wireless Age*. A respected medical professor of epidemiology, Dr Carlo was hired by the Cellular Telecommunications Industry Association (CTIA) as the chief research scientist to lead a 28-million-dollar, five-year research program investigating the potential harmful effects of cellphones. The CTIA was confident that no health effects would be found. However, Dr Carlo and his team of 200 research

Exhibit 10.4

scientists found otherwise. Upon presentation to the CTIA of his findings, he was summarily fired and the damning results were shelved. Dr Carlo has gone on to become one of the most reputable and vocal critics of the wireless technology industry and one of the world's leading experts on electropollution. According to Dr Carlo: "We understand that these information-carrying radio waves trigger protein membrane responses at the cell membrane level, leading to disruption of intercellular communication and build-up of free radicals inside the cell. This mechanism understanding is very important because it now explains the wide diversity of symptoms that we are seeing in patients who are reporting electrohypersensitivity and also other conditions such as headaches and unexplained anxiety that henceforth...we'll know will be associated with these information-carrying radio waves."[43]

Imagine what happens to the functioning of a cell if it can't receive vital nutrients, eliminate waste products or communicate properly with other cells: complete havoc on a cellular level!

Since we are surrounded by cellphone towers and users, it has become virtually impossible to escape continuous and unrelenting exposure to ICRWs and ongoing harm to our physiological processes.

... whether or not you choose to have a cellphone, the proliferation of wireless technology is exposing you and your children to dangerous radiation that instantaneously damages your cells and alters all physiological processes.

Increasing Risks from Wireless Technology

The Mobile Telephone Health Concerns Registry is a non-profit organisation created to gather information about health effects from cellphones.[44] Previously, complaints were about health problems caused by cellphones. In the past two years, however, most complaints have to do with ambient (background) information-carrying radio waves coming from a vast variety of wireless sources. The strength of these ambient ICRWs is approaching the intensity of the radio frequencies emitted by cellphones.

What does this mean? It means that whether or not you choose to have a cellphone/mobile phone, the proliferation of wireless technology is exposing you and your children to dangerous radiation that instantaneously damages your cells and alters all physiological processes. There is nowhere to hide any more.

Dr Carlo has profound insight into the unprecedented public health disaster brewing from an increasingly wireless world. "Scientific studies continue to accumulate showing that information-carrying radio waves from mobile phones and other wireless devices, now used by more than three billion people worldwide, are dangerous. The mobile phone industry has not addressed the problem; governments around the world continue to be burdened by entanglements with the industry that render them unable to protect consumers. Emerging science shows links to conditions ranging from learning and spectrum disorders to cancer. If unabated, the brunt of the disease burden will continue to be borne by our children and grandchildren."[45]

The bad news is that we face an unprecedented public health disaster. The good news is that there are some effective, scientifically validated, preventive interventions now available.

Three Pieces of the Intervention Puzzle

Resolving the electropollution problem necessitates addressing three distinct interventions: primary, secondary and tertiary. Dr Carlo is adamant that all three levels of intervention are required to ensure adequate protection against electropollution. He refers to this as the Public Health Paradigm.

Primary intervention technologies are those that act to prevent the cell membrane's protective response from being inappropriately triggered. These act on the "cause" of the problems and include appropriate headsets, active noise-field technologies (developed by the US military) and passive noise-field technologies.

Secondary intervention technologies are those that act to restore intercellular communication and thus can ameliorate the "effects" of EMR exposure. These are most effective in conjunction with primary interventions, and include subtle energy technologies, diodes and some pendants.

Tertiary intervention technologies are those that act to rehabilitate and correct cell damage. These work only in conjunction with primary and secondary intervention technologies, and include nutritionals, antioxidants and repair supplements.

To ensure the greatest protection, all three "layers" must be initiated simultaneously: to protect the cells from direct harm, to re-establish healthy cell-to-cell communication and to provide the body with the essential nourishment so it can repair itself and stay healthy.

On the subject of these three levels of intervention, Dr Carlo says: "The combined effect of electropollution covering all three effect windows is the most serious health risk we have ever faced because it is an overlay health risk that is now working insidiously in our lives. These exposures compromise fundamental biological processes including immune response and other physiological compensation systems. Thus, electropollution makes the population more susceptible and vulnerable to other environmental insults such as air and water pollution, poor nutrition, exposures to viruses and bacteria, as well as physical stressors such as extreme heat or cold and stressful life events."[46]

As we rush headlong into our exciting high-tech world, we must also understand that we are all participating in a massive experiment. Electropollution is a very real threat to present and future generations. Effective interventions are not a luxury but simply a necessity. Like it or not, the ever-expanding and intrusive electromagnetic world is here to stay. The responsibility lies with each one of us to take the proactive steps that will protect us, our family and future generations. ∞

About the Author:
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Exhibit 10.5

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Postscript: My Personal Choice for Protection against Electropollution

Four years ago, when I began investigating the effects of electropollution, I realised that it was becoming more and more difficult to avoid its pervasive health consequences. With the unparalleled explosion of EMR, it is now virtually impossible to escape the reach of the wireless world—whether you use a cellphone/mobile phone or not.

In light of this reality, I investigated the most scientifically supported forms of protection available. Few products actually demonstrated results. However, one company, BIOPRO Technology, has provided the science that proves the efficacy of their novel technologies (http://www.bioprotechnology.com). They have licensed two technologies that are married in their phone chips and "Universal" chips for appliances, e.g., computers, wireless routers, etc.

The first technology is a patented passive noisefield technology, called Molecular Resonant Effect Technology (MRET), which successfully addresses primary intervention, immediately stopping damage to cell membranes.

The other is a subtle energy technology, Energy Resonance Technology (ERT), which improves cell-to-cell communication, i.e., a secondary intervention.

While in the past I have always chosen to remain impartial with product recommendations, in this case the problem of electropollution is so serious that I felt it was imperative to recommend a proven technology. Visit the website http://www.bioenergeticsinstitute.com for the studies.

I not only recommend these products, but also make them available for purchase. If you would like more information, please visit the website http://www.mybiopro.com/yes or email me at golight@ earthlink.net. In Australia, you can call (03) 9808 1822.

— Sherrill Sellman

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Exhibit 11

United States Patent [19]

Malech

[11] 3,951,134

[45] Apr. 20, 1976

[54] APPARATUS AND METHOD FOR REMOTELY MONITORING AND ALTERING BRAIN WAVES

[75] Inventor: Robert G. Malech, Plainview, N.Y.

[73] Assignee: Dorne & Margolin Inc., Bohemia, N.Y.

[22] Filed: Aug. 5, 1974

[21] Appl. No.: 494,518

[52] U.S. Cl. ..... 128/2.1 B

[51] Int. Cl.[2] A61B 5/04

[58] Field of Search ..... 128/1 C, 1 R, 2.1 B, 128/2.1 R, 419 R, 422 R, 420, 404, 2 R, 2 S, 2.05 R, 2.05 V, 2.05 F, 2.06 R; 340/248 A, 258 A, 258 B, 258 D, 229

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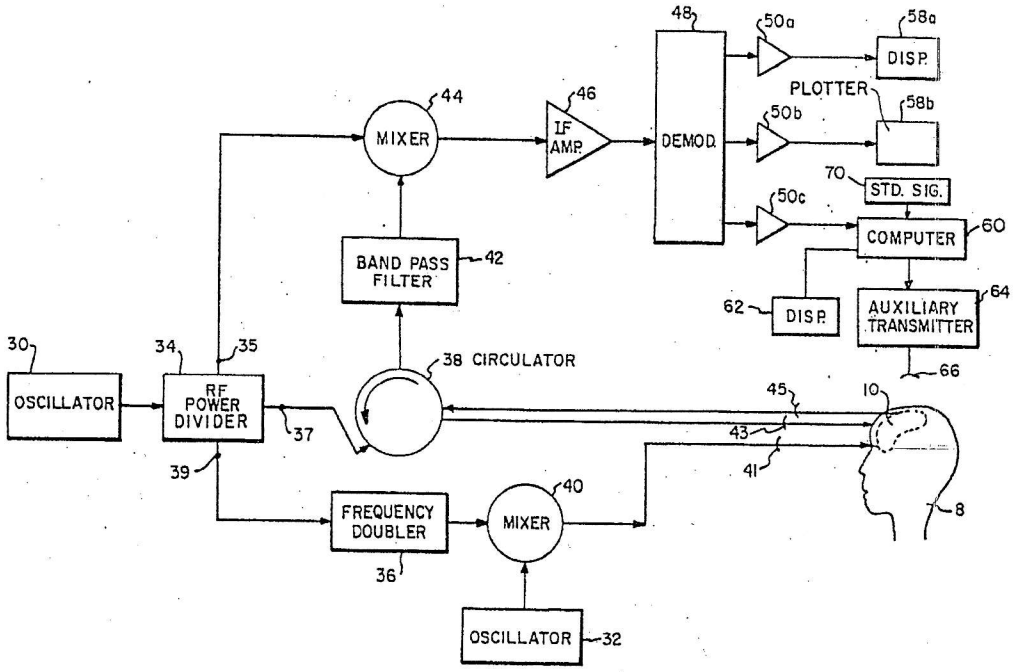
Primary Examiner—William E. Kamm

Attorney, Agent, or Firm—Darby & Darby

[57] ABSTRACT

Apparatus for and method of sensing brain waves at a position remote from a subject whereby electromagnetic signals of different frequencies are simultaneously transmitted to the brain of the subject in which the signals interfere with one another to yield a waveform which is modulated by the subject's brain waves. The interference waveform which is representative of the brain wave activity is re-transmitted by the brain to a receiver where it is demodulated and amplified. The demodulated waveform is then displayed for visual viewing and routed to a computer for further processing and analysis. The demodulated waveform also can be used to produce a compensating signal which is transmitted back to the brain to effect a desired change in electrical activity therein.

11 Claims, 2 Drawing Figures



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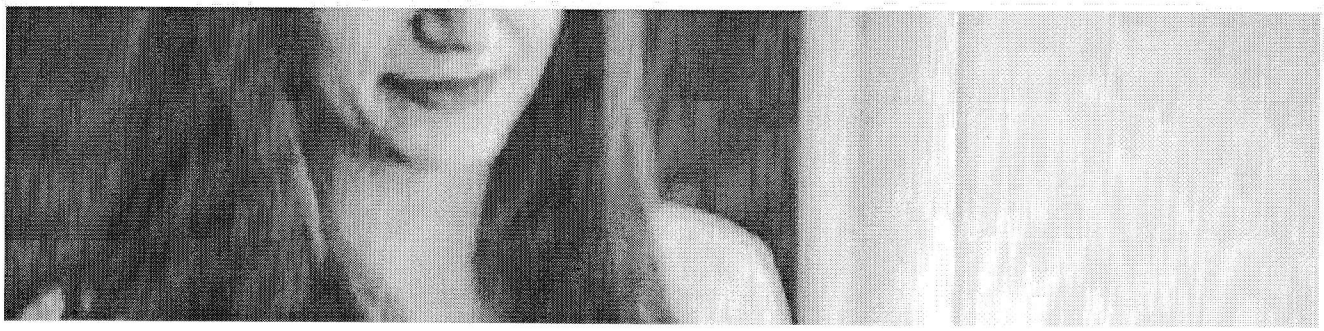
EMF Radiation? Should You Really Be Concerned?



Search
Type and hit enter ...
Dr. Jill

Exhibit 12.1

If you haven't already heard about the concerns surrounding electromagnetic field (EMF) exposure I believe you're about to start reading about them more and more in the news. Studies continue to come out showing us how we have created an invisible electromagnetic smog with our electronic devices that now covers nearly every living space.

In fact, you're probably blanketed in EMFs at this very moment.

If you've heard of EMFs you might have been wondering if it's a bunch of bogus – but I can assure you, EMFs are very real and impacting our health at an unprecedented rate.

In 2012, a 650-page report by the BioInitiative group titled, *A Rationale for Biologically-based Exposure Standards for Low-Intensity Electromagnetic Radiation* compiled over 2,000 scientific studies that outline the effects of EMFs from all sources on human health.

They found that low-level radiation (as emitted by your cell phone) can contribute to cancer, Alzheimer's, heart disease, and autoimmunity.

Just because we can't see EMFs does not mean we aren't affected by them – they are much like pollution. Let's look a little closer and find out what EMFs are and how you can protect yourself and your family from their harmful effects.

What are electromagnetic fields (EMFs)?

Electromagnetic fields are energy areas created by electronic devices. The fields are created in two parts: electric and magnetic. The electric field is created by differences in voltage and the magnetic fields are created when there's electric current running to a device.

These EMFs affect us because our bodies have their own electric and magnetic functions. Consider your nervous system, heart, brain, and digestion – electric energy plays a role in each of these important bodily functions.

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e them beat, hands down. You Wh
's are great. to f
the
...n
I'm

Jessica Hull

Exhibit 12.2

Symptoms of Microwave Illness

Exhibit 13

https://www.microwavedvets.com

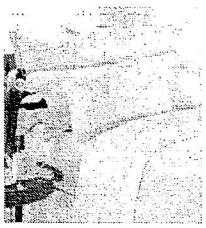
Headaches	Difficulty Concentrating	Tinnitus
Dizziness	Memory Loss	Hearing Loss
Nausea	Brain Damage	Irregular Sleep Pattern
Skin Rash	Mood Disorder	Insomnia
Itchy Skin	Personality Disorder	Chronic Fatigue
Burning Skin Sensation	Increased Irritability	Deteriorating Vision
Tingling Sensation	Decreasing Trust in People	Pressure in/behind eyes
Tremors	Depression	Eye Damage
Muscle Spasms	Anxiety	Cataracts
Muscle and Joint Pain	ADHD/ADD	Immune Abnormalities
Restless Leg Syndrome	Digestive Issues	Altered Sugar Metabolism
Foot Issues	Abdominal Pain	Asthma Attacks
Low/High Pressure	Enlarged Thyroid	Bronchitis
Facial Flushing	Hair Loss	Pneumonia
Dehydration	Testicular/Ovarian Pain Low	Inflamed Sinuses
Body Metals Redistribution	Sperm Motility	Chest Pain/Pressure
Leukemia	Miscarriage	Heart Arrhythmia
Lymphoma	Electromagnetic Sensitivity	Heart Palpitations

Exhibit 14.0

Tel: +1-518-608-6479

LessEMF.com

EMF Shielding Bedding



Grounded and Shielded Sheets, Blankets, Canopies, Sleeping Bags and more.

Bedding	Canopies and Enclosures	More Options
Sheets Pillow case Baby Blanket Baby Carrier RF Net	Dream Canopy Light Duty Canopy Naturell Canopy BoDefense™ Shelter Shielding Tent Floor Mat	Swaddling Sheet Blocbag Pajamas: - Hoodie Tops - eSmog Pants - Silverell Shorts Texcare

A note about washing shielded bedding:

Please note that some shielding fabrics are not washable at all, and some can be hand washed only. Please read and follow washing instructions that come with your product.

Poor water quality will damage Silver.
In particular Sulphur, high Fluoride, and low pH will react strongly with Silver and destroy conductivity and shielding performance.

Test your tap water on a small fabric swatch before washing your fabric/garment:
1- soak a small fabric swatch in tap water for 1 hour.
2- look for color change in the water or swatch, especially blackening.
3- air dry the swatch and check for conductivity (by touching an Ohm meter to 2 points on the fabric)

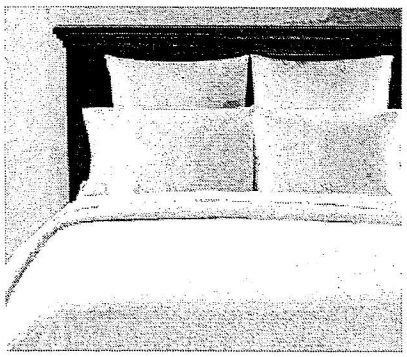
If color change or loss of conductivity occurs, DO NOT use tap water to wash/rinse your fabric. Use distilled or deionized, reverse osmosis water.

Use Texcare to help protect the Silver in the shielding fabric. Washing will eventually degrade all fabrics with Silver fibers and reduce shielding performance. Discoloration over time is normal.

What is the proper way to test shielding performance"
Keep conductive fabrics away from electrical sockets and bare wires! Fabrics do not contain flame retardant, use caution around open flames and heat sources.

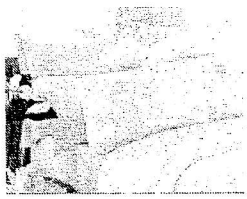
PROTECTIVE BEDDING™

"Microwave Shielding for the Bed"



Faraday Canopies are great, and we carry several, but sometimes you need a solution that is more portable, less hassle, or simply has the look and feel of "normal". Protective Bedding is the perfect solution, offering good radiofrequency shielding (more than 90% of cellphone and wi-fi signals bounce right off) and made with comfy, washable, cotton fabric which has Silver coated Copper fibers woven throughout.

The ultrafine fibers are so small you cannot see them with the naked eye, but show up easily under a microscope. Great feel and without flame retardant. Tested up to 30 washings with almost no loss of performance.



- Washable, easy to iron
- Attenuation: 29 dB at 900 MHz

Exhibit 14.1

- Color: White
- Resistivity: 10^8 Ohm/sq, cannot be grounded
- Certificates: Öko-Tex 100 Class 1 (gentle enough for baby underwear)

Care Machine wash (gentle cycle), cold water. Hang dry. Iron without steam, low heat. No bleach. Do not dry clean.

Choose styles and sizes:

FLAT SHEET:

Like a normal flat sheet, with 3 inch hem at the top, but made entirely from RF shielding white cotton fabric.

Twin Size Flat Sheet: 58" wide x 104" long (Cat. #A361-T) $249.00
Currently Backordered

Queen/King Size Flat Sheet: 108" wide x 110" long (Cat. #A361-K) $459.00
Currently Backordered
King size sheet has a seam down the middle

FITTED SHEET:

Like a normal fitted sheet, with 14 inch deep pocket, but made with RF shielding white cotton fabric.

Twin Size Fitted Sheet: 39" wide x 74" long (Cat. #A357-T) ..... $249.00 Currently Backordered

Full Size Fitted Sheet: 54" wide x 74" long (Cat. #A357-F) ..... $289.00 Currently Backordered

Queen Size Fitted Sheet: 60" wide x 80" long (Cat. #A357-Q) ..... $299.00 Currently Backordered

King Size Fitted Sheet: 76" wide x 80" long (Cat. #A357-K) ..... $389.00 Currently Backordered
King size sheet has a seam down the middle

Crib Sheet Set:

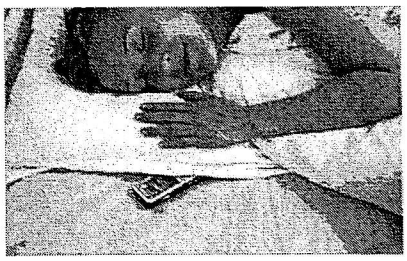
Flat plus Fitted sheet for crib mattress, made with RF shielding white cotton fabric.

Crib Sheet Set (Cat. #A356) ..... $169.95 Currently Backordered

Save more! Crib Sheet Set plus Baby Blanket (see above). Choose blue or pink blanket. (Sheets are white). All three pieces are shielded.

Crib Sheet Set + Pink Baby Blanket (Cat. #A356-335-P) $259.90
Currently Backordered

Crib Sheet Set + Blue Baby Blanket (Cat. #A356-335-B) ..... $259.90 Currently Backordered



ANTI-RADIATION PILLOWCASE

Shields Cell Phone Radiation

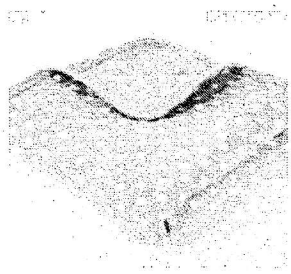
Who needs cell phone shielding in a pillowcase" If you know anyone who puts their phone under their pillow (where it can radiate their sleeping brain all night), they really need this shield. Benefits both teenagers and adults alike. Both luxurious and practical it looks and feels like a normal white pillowcase. Cotton based, machine washable (no bleach!) but with superfine silver fibers (you need a microscope to see them) woven into it. Each layer provides ~90% signal reduction, and there are two layers in a pillowcase! Phone function and sound quality are not affected. Finished size is 20x30 inches, for Standard pillows. 22 x 38 inches for King size. You can put an ordinary pillowcase over this one if you want to wash it less. Note: we don't recommend having a cell phone anywhere in the bedroom. But if you must, shield wisely.

Washing Instructions: Hand or machine wash (gentle cycle), cold water. Use TexCare. Hang dry. Iron without steam, low heat. No bleach. Do not dry clean.

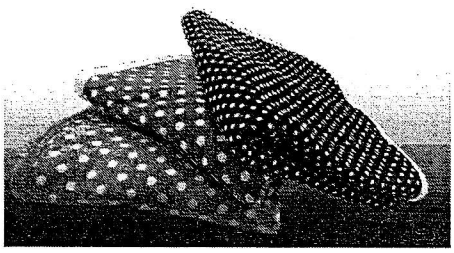
Anti-Radiation Pillowcase, Standard size (Cat. #A359) ..... $79.95 Currently Backordered

Exhibit 14.2

Anti-Radiation Pillowcase, King Size (Cat. #A359-K) ..... $79.95 Currently Backordered



BABY BLANKET

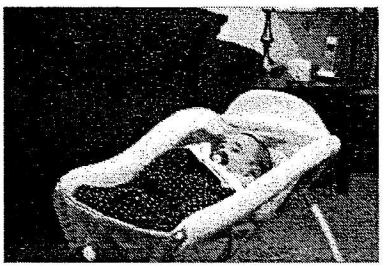


Soft Cotton Flannel Blanket Shields Your Baby from Wireless Radiation

We all know babies are more sensitive to injury from radiation both before and after birth. Expecting Moms may not realize that they are radiating their developing fetus by using a cell phone or wifi near their belly. This shielded Baby Blanket is the ultimate in snuggly comfort while providing a high level of radiation shielding. Just use it like any ordinary blanket. Cover Mom's belly or wrap the baby. Either way, it's a smart, safe, and effective way to lower your baby's exposure during this critical time in his or her development.

- Deflects >30dB of Radio & Microwave EMF Radiation
- Luxurious flannel, comfortable against the skin
- Generous 38" x 30"
- Made in USA
- Patent Pending

Material: Washable, durable, hypoallergenic, cotton flannel on the outside. Ecological, unbleached, shielding cotton fabric without chemicals in the middle, interwoven with microscopic Silver wire to form the protective radiation barrier. Lifetime mfr wty.



Care: Machine wash cold, do not bleach.

Baby Blanket:

Dark Blue (Cat. #A335-B) ..... $99.95 Add to Cart

Gray **(Cat. #A335-G) ..... $99.95** Add to Cart
Gray is currently available in Solid Gray only. We are backordered on gray with dots.

Pink **(Cat. #A335-P) ..... $99.95** Add to Cart

DREAM CANOPY

Portable Faraday Microwave Safety Net

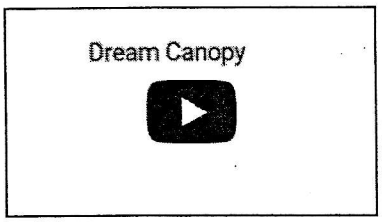
This may be the best RF protection value. Extremely sheer and transparent, it offers excellent air circulation and dramatic shielding performance of 30-45dB. It will shield cell phone, wi-fi and other wireless signals nicely. Also shields electric field. Easy access slit on one side makes getting in and out a snap.

Perfect for travelling as it takes up less room than a sweater in your suitcase and weighs only about a pound.

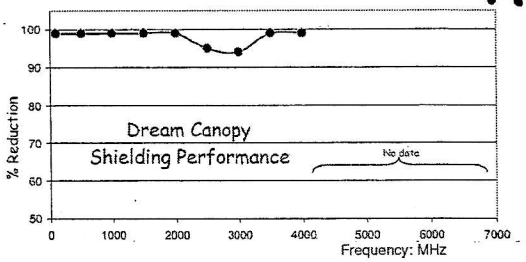
Dark gray color. Does double duty as a mosquito net, too! Not just for beds either! Can be used over a couch, workstation, your favorite lounger or hammock. Includes ground cord, stainless steel ceiling hook and support ring. Fabric is delicate, 100% pure Silver coated Nylon, so limit washing. NOTE: Mesh materials do not have the ability to stop cell phone signals. Phones will still work inside this canopy. You can perform a true test with an RF meter to see the reduction.

Two sizes to choose from:
Twin/single/Crib is 7.5 feet high with 26 foot perimeter at the

Exhibit 14.3



base. Full/King is 8.2 feet high with a 39 foot perimeter at the base. Both are tapered toward the top.



Dream Canopy:
- Full/Queen/King (Cat. #A343) ..... $899.00 Add to Cart

- Twin/Single/Crib (Cat. #A342) ..... $599.00 Add to Cart

LIGHT DUTY FARADAY CANOPY

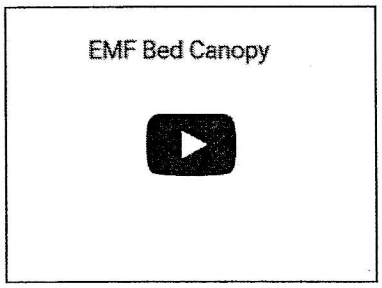
When Moderate RF Reduction Will Do

Give your body a chance to rest! Attractive and functional canopy can be used over beds or other similar sized areas to reduce radiofrequency radiation. Made from very light weight Swiss Shield Daylight fabric (92% polyester net-knit, with 8% silver-plated copper fiber content) which stops over 80% (16dB) of microwave radiation energy penetration (over at least 200-3000 MHz).

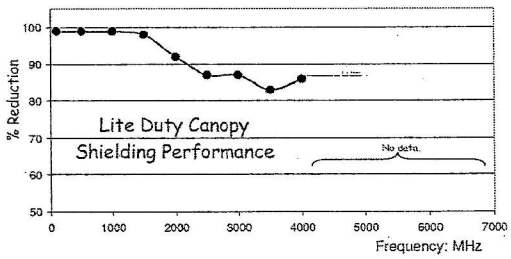
Nice veil-like appearance (plenty of air and light penetration), and has the conductive components twisted on the threads, so no metal coating to flake *and no need for grounding!* Canopy covers the top and sides of bed. Easy to get in/out of bed and lots of head room.

Click here for an Independent Test Report of the canopy (pdf)

Can be washed in gentle cycle, with mild detergent. Even frequent washing seems to do no harm to the shielding power of the fabric. Comes with swag hooks and an easily detachable hoop for easy mounting. Very transportable too. NOTE: Mesh materials do not have the ability to stop cell phone signals. Phones will still work inside this canopy. You can perform a true test with an RF meter to see the reduction.



Some owners say using this product to reduce RF has alleviated their symptoms associated with electrosensitivity, such as ringing in the ears, headaches/migraines, insomnia, confusion, irritability, nausea, circulation problems, etc. 2 sizes:



Light Duty Faraday Canopy:
- King/Queen/Full Size (Cat. #A200-K) $1099.00
Add to Cart

- Twin/Single/Crib Size (Cat. #A200-T) ..... $759.00 Add to Cart

Exhibit 15.0

WHO WE ARE
OUR COMPANY
Meet Dr. Group
Our Healing Mission
Inside Our Facility
Meet Our Advisors
Our 180-Day Guarantee
REACH OUT
Contact Us

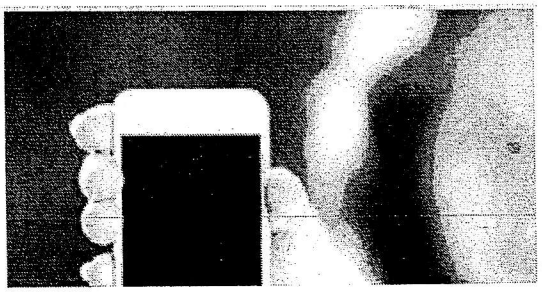
Green Living / Hidden Dangers

Updated Feb 10, 2015

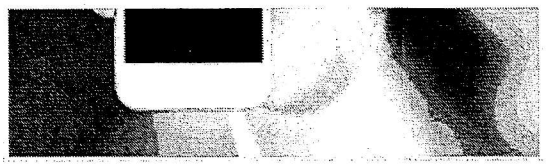
Neuroscientist Confirms the Danger of Electromagnetic Radiation

Written by Dr. Edward Group
Founder

With the proliferation of cell phones, wireless Internet, and personal electronic devices, the ill effects of electromagnetic radiation are a huge concern. As the discussion surrounding the dangers of electromagnetic fields (EMFs) has



become heated, neuroscientist Dr. Olle Johansson has stepped forward to present evidence from his own research and the research of his peers into the mental and physical effects of EMFs.



The Trouble with Electromagnetic Radiation

Dr. Johansson, who is a professor at the renowned Karolinska Institute in Stockholm, Sweden, recently spoke in front of an audience of health professionals and medical practitioners at a seminar on Environment in Health in Barcelona. He opened his lecture by going over the known negative health effects of EMFs, which include:

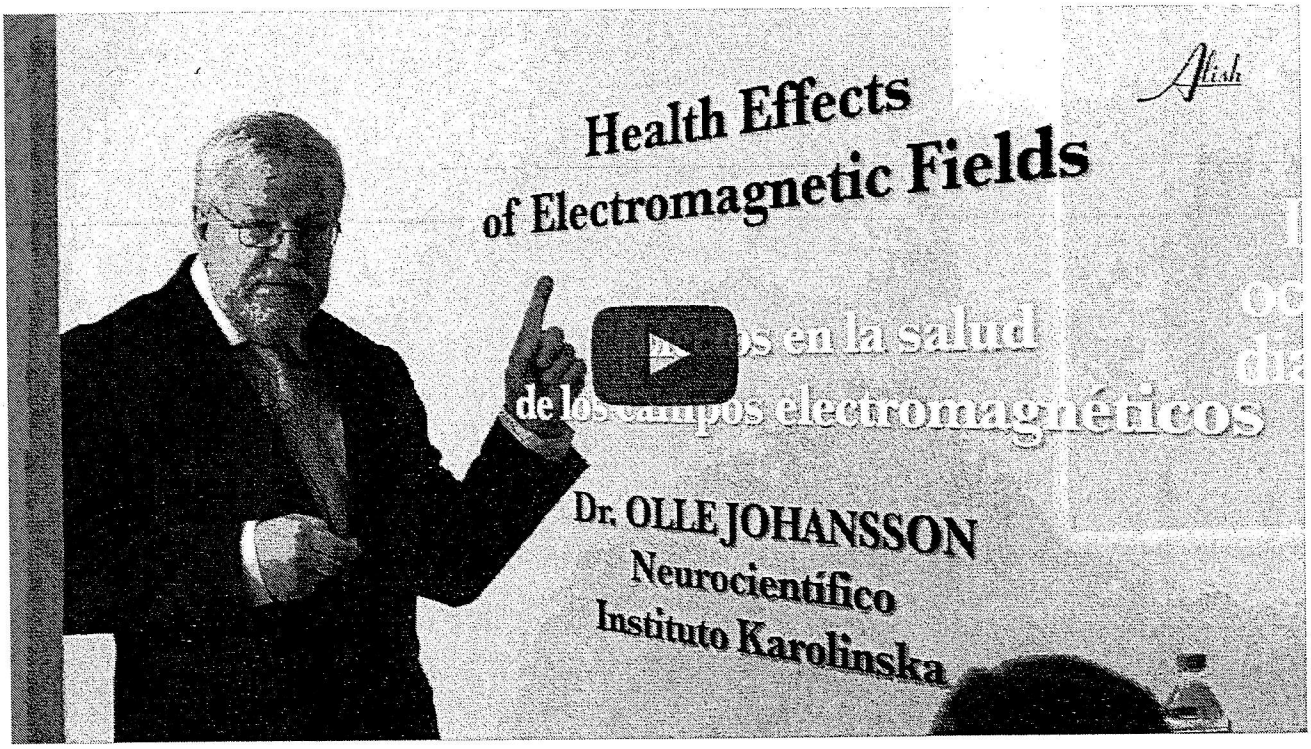
- Hypersensitivity to EMFs
- Increase in allergies and allergy symptoms
- Potential link to certain cancers
- Reducing the efficacy of certain drugs (such as Tamoxifen, which is used to treat breast cancer)
- Radiation damage
- Long-term DNA fragmentation

Dr. Johansson also discussed the logical shortcomings of those who believe EMFs are harmless, such as the idea that electro-hypersensitivity is actually just a conjured media-driven psychosis. Johansson points to studies that have easily controlled for media-driven psychosis by using test subjects like rats. [1] These studies have shown that EMFs have a measurable effect and are not just psychosomatic.

The evidence presented by Dr. Johansson suggests exposure to EMFs, which are created by electronic devices, has long-term cumulative effects that go as far as changing our very DNA. Johansson argues the only way to reduce these negative effects is to make some major societal changes, such as only letting children under the age of 16 (who may be more sensitive to EMFs, according to research) use cell phones for emergency calls. Johansson notes that any major change will take time, but he is determined to continue presenting the findings from his research in order to encourage that change.

Exhibit 15.1

If you're interested in learning more about the potential hazards of EMFs and what you can do to reduce your risk, you can watch Dr. Johansson's entire lecture below or read more about it right here.



Health Effects of Electromagnetic Fields: A Neuroscientist's Views

Length: 53 minutes

References (1)

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†Results may vary. Information and statements made are for education purposes and are not intended to replace the advice of your doctor. If you have a severe medical condition or health concern, see your physician.

Exhibit 15.2

Exhibit 16.0

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Best-EMF-Health.com

The Best EMF Protection Strategy

Are the Dangers of Electromagnetic Radiation A Factor for Your Health?

The dangers of electromagnetic radiation are becoming very evident and associated with many diseases and health problems. Some say it is scientifically impossible for electromagnetic radiation (EMR) to affect us. Some studies prove the cell damage EMF causes. But I don't need to see any studies to know about the dangers of electromagnetic radiation. I WAS THE STUDY – and continue to be on a daily basis.

I Was the Study!

Electromagnetic radiation gave me cancer, within three weeks of exposure to a very strong field, and electromagnetic hypersensitivity (EHS). Though my cancer is now gone, **every exposure to electric, magnetic, wireless or ionizing radiation causes my old cancer spots to ache and 'feel sick' again - instantly (depending on the strength of the exposure).**

Over a two year period, I reduced, eliminated and regained various cancers several times because of EMF radiation in my environment. As I felt the EMF radiation turning my tissue into unhealthy tissue, my tests would prove the cancer was back or had grown. When I reduced the radiation exposure drastically, discharged each exposure and repaired and eliminated the damaged cells, my test would show exactly what I felt - the cancer was gone or almost gone.

God gave me this clear picture of the harm of EMF and then taught me what to do to keep myself safe and to heal the damage. This website provides you with the information you need for EMF protection so you don't have to go through what I did. And if you are already there - I can help you to have the most normal life possible in a world maxed out with EMF radiation. **Excessive EMF radiation can change your life forever!** It can take many years or just one strong exposure. In today's world, EMF protection is a must!

Exhibit 16.1

Associated EMF Health Problems

The following list represents diseases and health problems that are either a direct result of electromagnetic radiation poisoning or are closely associated with it. **Keep in mind that all health issues will be affected to some degree by exposure to EMF radiation, whether electric, magnetic, wireless or ionizing radiation, since it weakens the immune system, stresses the body and damages healthy cells.**

Share

- cancer
- alzheimer's
- parkinson's
- fibromyalgia
- chronic fatigue
- daily headaches
- brain cancer
- lyme disease
- asthma
- heart problems
- chest pain
- insomnia
- allergies
- electrosensitivity (ES)/electromagnetic hypersensitivitiy (EHS)
- multiple sclerosis (see Copper depletion by EMF)
- high blood pressure
- brain fog
- ADD/ADHD
- forgetfulness
- digestive disorders
- migraine headaches
- brain tumors
- leukemia - general
- lymphoblastic leukemia
- birth defects
- miscarriages
- stress
- nausea
- rheumatoid arthritis
- lupus
- fatigue
- skin conditions – burning, rashes, pain
- tinnitus and other audible noises
- chronic pain
- erratic pulse
- weak immune system

Factors that Encourage the Dangers of Electromagnetic Radiation

Exhibit 16.2

Though every person's cells are affected by electromagnetic radiation, each is affected at different 'speeds'. Here are some of the **factors that encourage a faster or stronger reaction to EMF exposures.**

- High stress levels
- Low iodine levels
- Heavy metal toxicity
- Having lyme disease
- Weakened immune system
- High total EMF exposure (How full is your radiation 'cup'?)
- One or more single incident of very strong exposure
- Having other pre-existing health problems

In summary

I have dealt with many clients having major health problems who were in high EMF radiation levels on a regular basis and found **they could not get better until they drastically reduced the high electromagnetic radiation from their environment.**

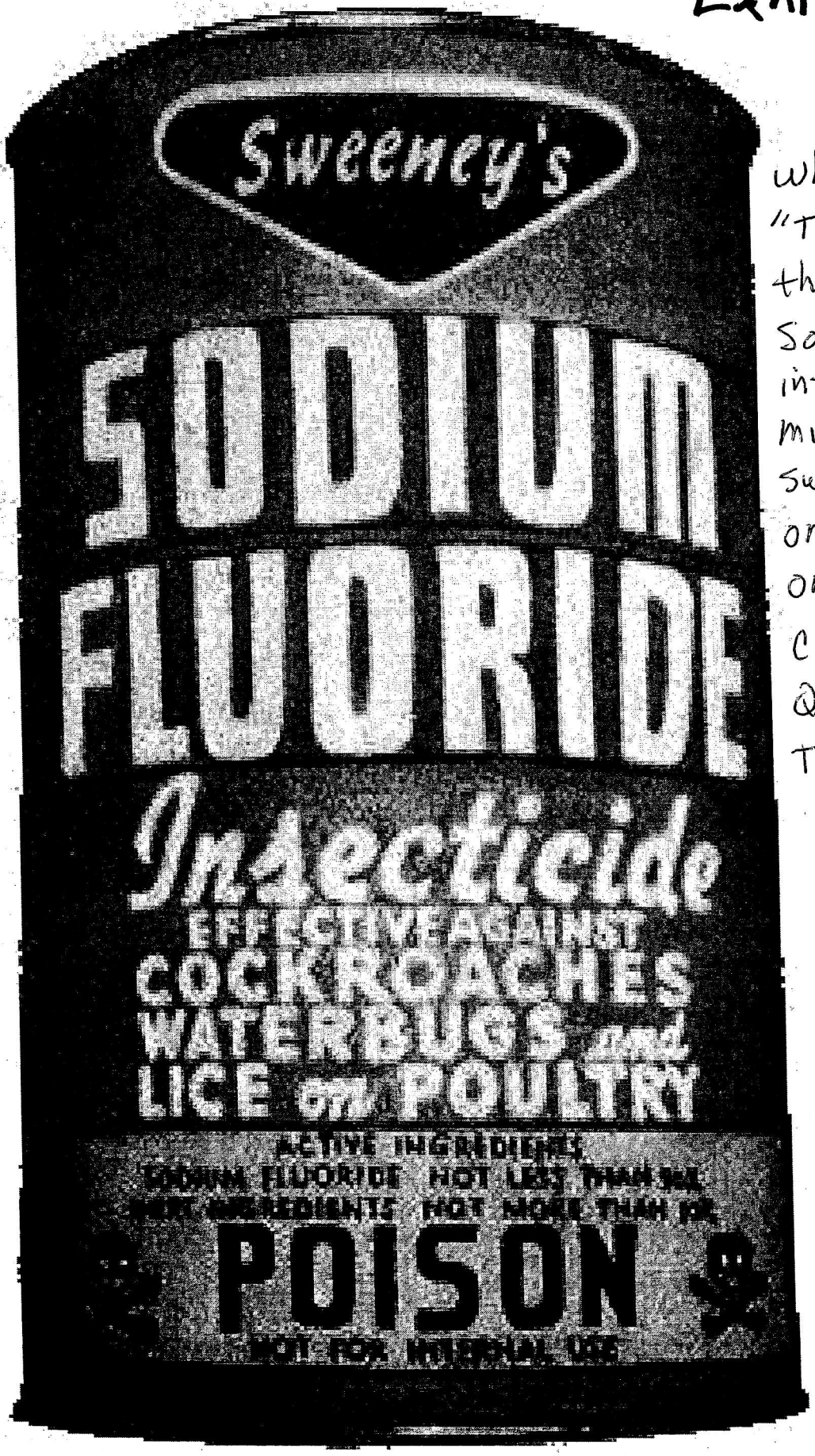
In summary, the dangers of electromagnetic radiation are a major factor in many diseases and health problems. **Testing the radiation in your environment is the only way to know what levels you are exposed to.** More about detectors that measure EMF radiation in your environment here. Consider high EMF radiation exposures as a possible fibromyalgia cause, a source of daily headaches, as what causes lyme disease to become symptomatic, one cause of leukemia, and brain cancer should always be considered as one of the dangers of cell phones.

For many with the above health problems, drastically reducing high EMF radiation levels in your environment, adding some important supplements for protection from EMF, and then correcting your body's natural electromagnetic fields (Click here for best way to correct EMF's) may be all you need to be on the road to recovery.

JOIN MY RSS FEED NOW AND STAY TUNED FOR INFORMATION ON EMF PROTECTION THAT WILL HELP TO PROTECT YOU FROM THE DANGERS OF ELECTROMAGNETIC RADIATION!

Return from 'Dangers of Electromagnetic Radiation' to 'Home'
Go to 'What is EMF?'
Go to 'EMF Emissions'
Go to 'Biofeedback Machines for EMF Correction'
Go to 'EMF Detectors'
Go to 'EMF Hypersensitivity'
Go to 'Supplements for Protection from EMF'

Exhibit 17.0



why would "They" put the Insecticide Sodium Fluoride into the municipal water supply? I can only see one Reason. Can you Guess what That is?

Exhibit 17.1

ber 30, 1985, the President must certify to Congress in writing that, in light of circumstances prevailing at the time the certification is made, the production of such munitions is essential to the national interest.

(3) For purposes of this subsection, "production of binary chemical munitions" means the final assembly of weapon components and the filling or loading of components with binary chemicals.

(Pub.L. 98-94, Title XII, § 1233, Sept. 24, 1983, 97 Stat. 695.)

HISTORICAL AND STATUTORY NOTES

Revision Notes and Legislative Reports
1983 Act. Senate Report No. 98-174 and House Conference Report No. 98-352, see 1983 U.S.Code Cong. and Adm.News, p. 1031.

References in Text
Section 101 of this Act, referred to in subsec. (b)(1), is section 101 of Pub.L. 98-94, Title I, § 101, Sept. 24, 1983, 97 Stat. 618, which authorized the appropriation of funds for Army procurement, for fiscal year 1984. Such provision was not classified to the Code.

Codifications
Section was enacted as part of Department of Defense Authorization Act, 1984, and not as part of Pub.L. 94-121, Title IV, § 409, Nov. 19, 1975, 89 Stat. 574, which comprises this chapter.

LIBRARY REFERENCES

American Digest System
Preparatory national defense measures, see War and National Emergency ⇐40.
Statutory regulation of toxic chemical substances, see Health and Environment ⇐25.5(3) et seq.

Encyclopedias
Preparatory national defense measures, see C.J.S. War and National Defense § 48.
Statutory regulation of toxic chemical substances, see C.J.S. Health and Environment § 66.5.

WESTLAW ELECTRONIC RESEARCH

Health and environment cases: 199k[add key number].
War and national emergency cases: 402k[add key number].
See, also, WESTLAW guide following the Explanation pages of this volume.

§ 1520. Use of human subjects for testing of chemical or biological agents by Department of Defense; according to Congressional committees with respect to experiments and studies; notification of local civilian officials

(a) Not later than thirty days after final approval within the Department of Defense of plans for any experiment or study to be conducted by the Department of Defense, whether directly or under contract, involving the use of human subjects for the testing of chemical or biological agents, the Secretary of Defense shall supply the Committees on Armed Services of the Senate and House of

Representatives ... experiment or st... conducted only a... ing on the date...

(b)(1) The Sec... experiment involv... civilian populatio... which the test or... advance of such... may then be con... period beginning...

(2) Paragraph (... by Department o... conducted on beh...

(Pub.L. 95-79, Title ... Title II, § 203(a)(1),...

HIS

Revision Notes and L... 1977 Act. House R... and House Conferen... 95-446, see 1977 U.S... Adm.News, p. 537.

1982 Act. House R... see 1982 U.S.Code Con... p. 3415.

Codifications
Section was not en... Pub. L. 94-121, Title I... 1975, 89 Stat. 208, whi... chapter.

American Digest Syst...
Preparatory nation...
Statutory regulatio...
⇐25.5(1) et...

Encyclopedias
Preparatory nation...
§ 48.
Statutory regulatio...
ment § 66.5.

WE

Health and environ...
War and national ...
See, also, WESTL...

Exhibit 17.2

Representatives with a full accounting of such plans for such experiment or study, and such experiment or study may then be conducted only after the expiration of the thirty-day period beginning on the date such accounting is received by such committees.

(b)(1) The Secretary of Defense may not conduct any test or experiment involving the use of any chemical or biological agent on civilian populations unless local civilian officials in the area in which the test or experiment is to be conducted are notified in advance of such test or experiment, and such test or experiment may then be conducted only after the expiration of the thirty-day period beginning on the date of such notification.

(2) Paragraph (1) shall apply to tests and experiments conducted by Department of Defense personnel and tests and experiments conducted on behalf of the Department of Defense by contractors.

(Pub.L. 95-79, Title VIII, § 808, July 30, 1977, 91 Stat. 334; Pub.L. 97-375, Title II, § 203(a)(1), Dec. 21, 1982, 96 Stat. 1822.)

HISTORICAL AND STATUTORY NOTES

Revision Notes and Legislative Reports

1977 Act. House Report No. 95-1191 and House Conference Report No. 95-446, see 1977 U.S.Code Cong. and Adm.News, p. 537.

1982 Act. House Report No. 97-864, see 1982 U.S.Code Cong. and Adm.News, p. 1415.

Codification

Section was not enacted as part of Pub.L. 91-121, Title IV, § 409, Nov. 19, 1969, 83 Stat. 209, which comprises this chapter.

Amendments

1982. Amendment. Subsec. (a). Pub.L. 97-375 struck out former par. (1), which had directed the Secretary of Defense to supply not later than Oct. 1 of each year the Committees on Armed Services of the Senate and House with a full accounting of all experiments and studies conducted by the Department of Defense in the preceding twelve month period which involved the use of human subjects for the testing of chemical or biological agents whether directly or under contract, and designated par. (2) as subsec. (a).

LIBRARY REFERENCES

American Digest System

Preparatory national defense measures, see War and National Emergency ⇐⇐3.

Statutory regulation of toxic chemical substances, see Health and Environment ⇐⇐25.5(2) et seq.

Encyclopedias

Preparatory national defense measures, see C.J.S. War and National Defense § 48.

Statutory regulation of toxic chemical substances, see C.J.S. Health and Environment § 69.5.

WESTLAW ELECTRONIC RESEARCH

Health and environment cases 199k[add key number].

War and national emergency cases 402k[add key number].

See, also, WESTLAW guide following the Explanation pages of this volume.

Exhibit 18.1

THE SECRET COVENANT

- An illusion it will be, so large, so vast it will escape their perception.
- Those who will see it will be thought of as insane.
- We will create separate fronts to prevent them from seeing the connection between us.
- We will behave as if we are not connected to keep the illusion alive. Our goal will be accomplished one drop at a time so as to never bring suspicion upon ourselves. This will also prevent them from seeing the changes as they occur.
- We will always stand above the relative field of their experience for we know the secrets of the absolute.
- We will work together always and will remain bound by blood and secrecy. Death will come to he who speaks.
- We will keep their lifespan short and their minds weak while pretending to do the opposite.
- We will use our knowledge of science and technology in subtle ways so they will never see what is happening.
- We will use soft metals, aging accelerators and sedatives in food and water, also in the air.
- They will be blanketed by poisons everywhere they turn.
- The soft metals will cause them to lose their minds. We will promise to find a cure from our many fronts, yet we will feed them more poison.
- The poisons will be absorbed trough their skin and mouths, they will destroy their minds and reproductive systems.
- From all this, their children will be born dead, and we will conceal this information.
- The poisons will be hidden in everything that surrounds them, in what they drink, eat, breathe and wear.
- We must be ingenious in dispensing the poisons for they can see far.
- We will teach them that the poisons are good, with fun images and musical tones.
- Those they look up to will help. We will enlist them to push our poisons.
- They will see our products being used in film and will grow accustomed to them and will never know their true effect.
- When they give birth we will inject poisons into the blood of their children and convince them it's for their help.
- We will start early on, when their minds are young, we will target their children with what children love most, sweet things.
- When their teeth decay we will fill them with metals that will kill their mind and steal their future.
- When their ability to learn has been affected, we will create medicine that will make them sicker and cause other diseases for which we will create yet more medicine.
- We will render them docile and weak before us by our power.
- They will grow depressed, slow and obese, and when they come to us for help, we will give them more poison.

Exhibit 18.2

- We will focus their attention toward money and material goods so they many never connect with their inner self. We will distract them with fornication, external pleasures and games so they may never be one with the oneness of it all.
- Their minds will belong to us and they will do as we say. If they refuse we shall find ways to implement mind-altering technology into their lives.
- We will use fear as our weapon.
- We will establish their governments and establish opposites within. We will own both sides.
- We will always hide our objective but carry out our plan.
- They will perform the labor for us and we shall prosper from their toil.
- Our families will never mix with theirs. Our blood must be pure always, for it is the way.
- We will make them kill each other when it suits us.
- We will keep them separated from the oneness by dogma and religion.
- We will control all aspects of their lives and tell them what to think and how.
- We will guide them kindly and gently letting them think they are guiding themselves.
- We will foment animosity between them through our factions.
- When a light shall shine among them, we shall extinguish it by ridicule, or death, whichever suits us best.
- We will make them rip each other's hearts apart and kill their own children.
- We will accomplish this by using hate as our ally, anger as our friend.
- The hate will blind them totally, and never shall they see that from their conflicts we emerge as their rulers. They will be busy killing each other.
- They will bathe in their own blood and kill their neighbors for as long as we see fit.
- We will benefit greatly from this, for they will not see us, for they cannot see us.
- We will continue to prosper from their wars and their deaths.
- We shall repeat this over and over until our ultimate goal is accomplished.
- We will continue to make them live in fear and anger though images and sounds.
- We will use all the tools we have to accomplish this.
- The tools will be provided by their labor.
- We will make them hate themselves and their neighbors.
- We will always hide the divine truth from them, that we are all one. This they must never know!
- They must never know that a man's color is an illusion; they must always think they are not equal.
- Drop by drop, drop by drop we will advance our goal.
- We will take over their land, resources and wealth to exercise total control over them.
- We will deceive them into accepting laws that will steal the little freedom they will have.
- We will establish a money system that will imprison them forever, keeping them and their children in debt.

Exhibit 18.3

- When they shall ban together, we shall accuse them of crimes and present a different story to the world for we shall own all the media.
- We will use our media to control the flow of information and their sentiment in our favor.
- When they shall rise up against us we will crush them like insects, for they are less than that.
- They will be helpless to do anything for they will have no weapons.
- We will recruit some of their own to carry out our plans, we will promise them eternal life, but eternal life they will never have for they are not of us.
- The recruits will be called "initiates" and will be indoctrinated to believe false rites of passage to higher realms. Members of these groups will think they are one with us never knowing the truth. They must never learn this truth for they will turn against us.
- For their work they will be rewarded with earthly things and great titles, but never will they become immortal and join us, never will they receive the light and travel the stars.
- They will never reach the higher realms, for the killing of their own kind will prevent passage to the realm of enlightenment. This they will never know.
- The truth will be hidden in their face, so close they will not be able to focus on it until it's too late.
- Oh yes, so grand the illusion of freedom will be, that they will never know they are our slaves.
- When all is in place, the reality we will have created for them will own them. This reality will be their prison. They will live in self-delusion.
- When our goal is accomplished a new era of domination will begin.
- Their minds will be bound by their beliefs, the beliefs we have established from time immemorial.
- But if they ever find out they are our equal, we shall perish then. THIS THEY MUST NEVER KNOW.
- If they ever find out that together they can vanquish us, they will take action.
- They must never, ever find out what we have done, for if they do, we shall have no place to run, for it will be easy to see who we are once the veil has fallen. Our actions will have revealed who we are and they will hunt us down and no person shall give us shelter.
- This is the secret covenant by which we shall live the rest of our present and future lives, for this reality will transcend many generations and life spans.
- This covenant is sealed by blood, our blood. We are the ones who from heaven to earth came.
- This covenant must NEVER, EVER be known to exist. It must NEVER, EVER be written or spoken of for if it is, the consciousness it will spawn will release the fury of the PRIME CREATOR upon us and we shall be cast to the depths from whence we came and remain there until the end time of infinity itself.

Author: Unknown

Adherents: _____ (up to the reader to fill in the blank.)

Exhibit 19.0

iatrogenic injury leading cause of death

Privacy, simplified.

Web Images Videos News

All Regions Safe Search: Strict Any Time

Drug-Induced Iatrogenic Disorders - The Third Leading Cause...

- https://duluthreader.com/articles/2018/01/18/12154_drug_induced_iatrogenic_disord...

Drug-Induced Iatrogenic Disorders - The Third Leading Cause of Death in the US and Britain ... 4 Unintentional injuries . . 146,571 ... data that supports Iatrogenic ...

Medical Care Is 3rd Leading Cause of Death in U.S. | Chris ...

- https://chriskresser.com/medical-care-is-the-3rd-leading-cause-of-death-in-the-us/

The total number of iatrogenic deaths shown in the following table is 783,936. It is evident that the American medical system is the leading cause of death and injury in the United States. The 2001 heart disease annual death rate is 699,697; the annual cancer death rate, 553,251"

Drug-Induced "Iatrogenic" Disorders: The Third Leading Cause ...

https://www.globalresearch.ca/drug-induced-iatrogenic-disorders-the-third-leading-c...

Drug-Induced "Iatrogenic" Disorders: The Third Leading Cause of Death in the US and Britain Definition of an "Iatrogenic" disorder: A disorder inadvertently induced by a health caregiver because of a surgical, medical, drug or vaccine treatment or by a diagnostic procedure.

Table Of Iatrogenic Deaths In The United States

https://www.ourcivilisation.com/medicine/usamed/deaths.htm

Table Of Iatrogenic Deaths In The United States ... as part of the larger iatrogenic picture. Unfortunately, cause and effect go unmonitored. ... an iatrogenic injury ...

Errors in Health Care: A Leading Cause of Death and Injury ...

https://www.ncbi.nlm.nih.gov/books/NBK225187/

2 Errors in Health Care: A Leading Cause of Death and Injury Health care is not as safe as it should be. A substantial body of evidence points to medical errors as a leading cause of death and injury.

Iatrogenic Disease: The 3rd Most Fatal Disease in the USA

https://www.yourmedicaldetective.com/public/335.cfm

This makes it clear that the more frightening number is that doctors are the third leading cause of death in this country, killing nearly a quarter million people a year. These statistics are further confused because most medical coding only describes the cause of organ failure and does not identify iatrogenic causes at all.

Quack Word #20: 'Iatrogenic' - The Quackometer Blog

www.quackometer.net/blog/2007/07/quack-word-20-iatrogenic.html

Send Feedback

Exhibit 19.1

TRIALS
OF
WAR CRIMINALS
BEFORE THE
NUERNBERG MILITARY TRIBUNALS

VOLUME II

"THE MEDICAL CASE"

"THE MILCH CASE"

Exhibit 19.2

had ceased to belong to the organizations enumerated in the preceding paragraph prior to 1 September 1939."

THE PROOF AS TO WAR CRIMES AND CRIMES AGAINST HUMANITY

Judged by any standard of proof the record clearly shows the commission of war crimes and crimes against humanity substantially as alleged in counts two and three of the indictment. Beginning with the outbreak of World War II criminal medical experiments on non-German nationals, both prisoners of war and civilians, including Jews and "asocial" persons, were carried out on a large scale in Germany and the occupied countries. These experiments were not the isolated and casual acts of individual doctors and scientists working solely on their own responsibility, but were the product of coordinated policy-making and planning at high governmental, military, and Nazi Party levels, conducted as an integral part of the total war effort. They were ordered, sanctioned, permitted, or approved by persons in positions of authority who under all principles of law were under the duty to know about these things and to take steps to terminate or prevent them.

PERMISSIBLE MEDICAL EXPERIMENTS

The great weight of the evidence before us is to the effect that certain types of medical experiments on human beings, when kept within reasonably well-defined bounds, conform to the ethics of the medical profession generally. The protagonists of the practice of human experimentation justify their views on the basis that such experiments yield results for the good of society that are unprocurable by other methods or means of study. All agree, however, that certain basic principles must be observed in order to satisfy moral, ethical and legal concepts:

1. The voluntary consent of the human subject is absolutely essential.

This means that the person involved should have legal capacity to give consent; should be so situated as to be able to exercise free power of choice, without the intervention of any element of force, fraud, deceit, duress, over-reaching, or other ulterior form of constraint or coercion; and should have sufficient knowledge and comprehension of the elements of the subject matter involved as to enable him to make an understanding and enlightened decision. This latter element requires that before the acceptance of an affirmative decision by the experimental subject there should

Exhibit 19.3

be made known to him the nature, duration, and purpose of the experiment; the method and means by which it is to be conducted; all inconveniences and hazards reasonably to be expected; and the effects upon his health or person which may possibly come from his participation in the experiment.

The duty and responsibility for ascertaining the quality of the consent rests upon each individual who initiates, directs or engages in the experiment. It is a personal duty and responsibility which may not be delegated to another with impunity.

2. The experiment should be such as to yield fruitful results for the good of society, unprocurable by other methods or means of study, and not random and unnecessary in nature.

3. The experiment should be so designed and based on the results of animal experimentation and a knowledge of the natural history of the disease or other problem under study that the anticipated results will justify the performance of the experiment.

4. The experiment should be so conducted as to avoid all unnecessary physical and mental suffering and injury.

5. No experiment should be conducted where there is an *a priori* reason to believe that death or disabling injury will occur; except, perhaps, in those experiments where the experimental physicians also serve as subjects.

6. The degree of risk to be taken should never exceed that determined by the humanitarian importance of the problem to be solved by the experiment.

7. Proper preparations should be made and adequate facilities provided to protect the experimental subject against even remote possibilities of injury, disability, or death.

8. The experiment should be conducted only by scientifically qualified persons. The highest degree of skill and care should be required through all stages of the experiment of those who conduct or engage in the experiment.

9. During the course of the experiment the human subject should be at liberty to bring the experiment to an end if he has reached the physical or mental state where continuation of the experiment seems to him to be impossible.

10. During the course of the experiment the scientist in charge must be prepared to terminate the experiment at any stage, if he has probably cause to believe, in the exercise of the good faith, superior skill and careful judgment required of him that a continuation of the experiment is likely to result in injury, disability, or death to the experimental subject.

Of the ten principles which have been enumerated our judicial concern, of course, is with those requirements which are purely

Exhibit 19.4

legal in nature—or which at least are so clearly related to matters legal that they assist us in determining criminal culpability and punishment. To go beyond that point would lead us into a field that would be beyond our sphere of competence. However, the point need not be labored. We find from the evidence that in the medical experiments which have been proved, these ten principles were much more frequently honored in their breach than in their observance. Many of the concentration camp inmates who were the victims of these atrocities were citizens of countries other than the German Reich. They were non-German nationals, including Jews and "asocial persons", both prisoners of war and civilians, who had been imprisoned and forced to submit to these tortures and barbarities without so much as a semblance of trial. In every single instance appearing in the record, subjects were used who did not consent to the experiments; indeed, as to some of the experiments, it is not even contended by the defendants that the subjects occupied the status of volunteers. In no case was the experimental subject at liberty of his own free choice to withdraw from any experiment. In many cases experiments were performed by unqualified persons; were conducted at random for no adequate scientific reason, and under revolting physical conditions. All of the experiments were conducted with unnecessary suffering and injury and but very little, if any, precautions were taken to protect or safeguard the human subjects from the possibilities of injury, disability, or death. In every one of the experiments the subjects experienced extreme pain or torture, and in most of them they suffered permanent injury, mutilation, or death, either as a direct result of the experiments or because of lack of adequate follow-up care.

Obviously all of these experiments involving brutalities, tortures, disabling injury, and death were performed in complete disregard of international conventions, the laws and customs of war, the general principles of criminal law as derived from the criminal laws of all civilized nations, and Control Council Law No. 10. Manifestly human experiments under such conditions are contrary to "the principles of the law of nations as they result from the usages established among civilized peoples, from the laws of humanity, and from the dictates of public conscience."

Whether any of the defendants in the dock are guilty of these atrocities is, of course, another question.

Under the Anglo-Saxon system of jurisprudence every defendant in a criminal case is presumed to be innocent of an offense charged until the prosecution, by competent, credible proof, has shown his guilt to the exclusion of every reasonable doubt. And this presumption abides with a defendant through each stage of

Exhibit 19.5

ORDER CONSTITUTING TRIBUNAL II

OFFICE OF MILITARY GOVERNMENT FOR GERMANY (U.S.)
APO 742

16 DECEMBER 1946

GENERAL ORDERS
No. 85

PURSUANT TO MILITARY GOVERNMENT ORDINANCE NO. 7

1. Effective as of 14 December 1946, pursuant to Military Government Ordinance No. 7, 24 October 1946, entitled "Organization and Powers of Certain Military Tribunals", there is hereby constituted, Military Tribunal II.

2. The following are designated as members of Military Tribunal II:

ROBERT M. TOMS	Presiding Judge
FITZROI D. PHILLIPS [1]	Judge
MICHAEL A. MUSMANNO	Judge
JOHN J. SPEIGHT	Alternate Judge

3. The Tribunal shall convene at Nurnberg, Germany, to hear such cases as may be filed by the Chief of Counsel for War Crimes or by his duly designated representative.

BY COMMAND OF LIEUTENANT GENERAL CLAY:

C. K. GAILEY
Brigadier General, GSC
Chief of Staff

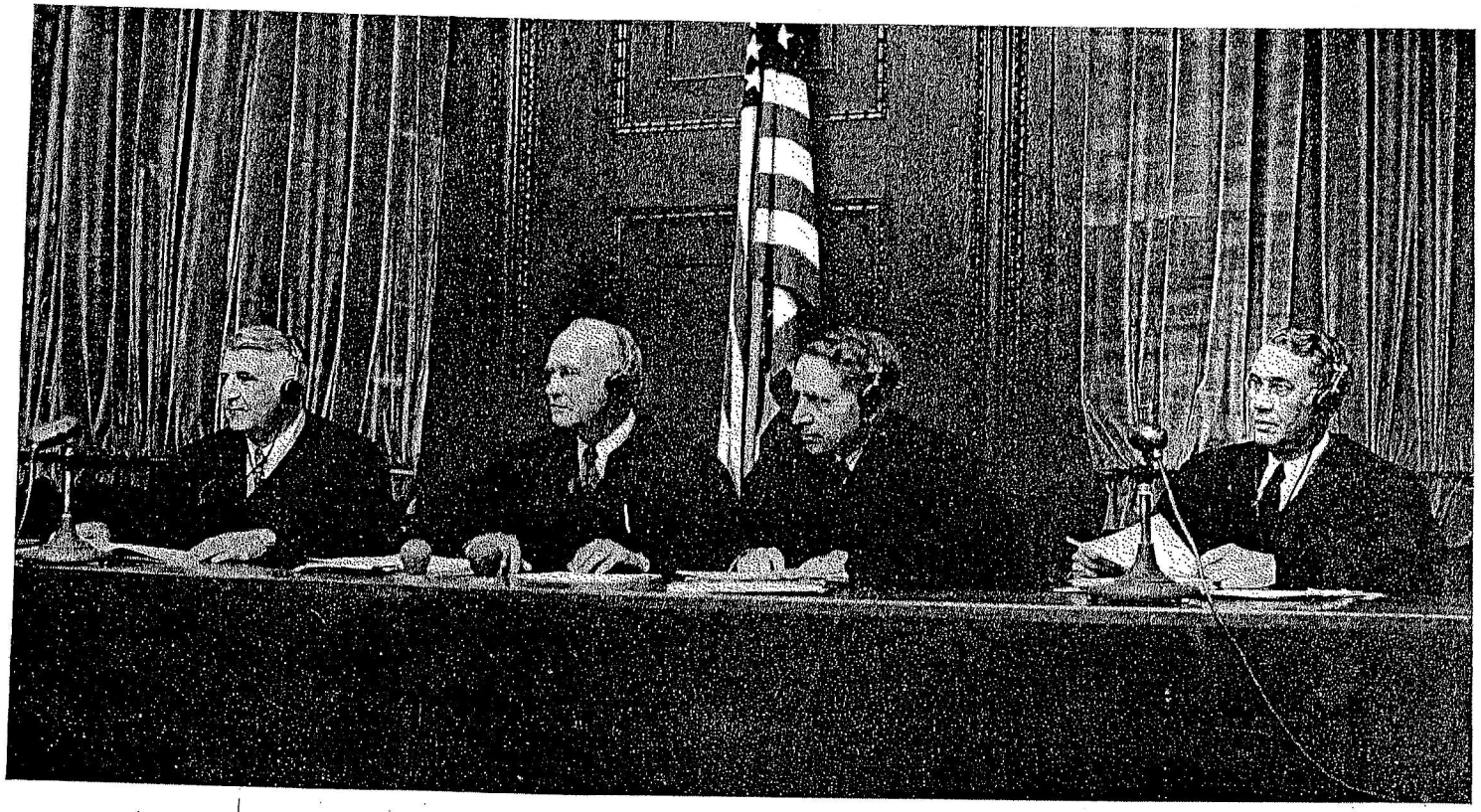
OFFICIAL:
G. H. GARDE
Lieutenant Colonel, AGD
Adjutant General

SEAL:
Office of Military Government
for Germany (U. S.)

DISTRIBUTION: "B" plus
2— AG MRU USFET

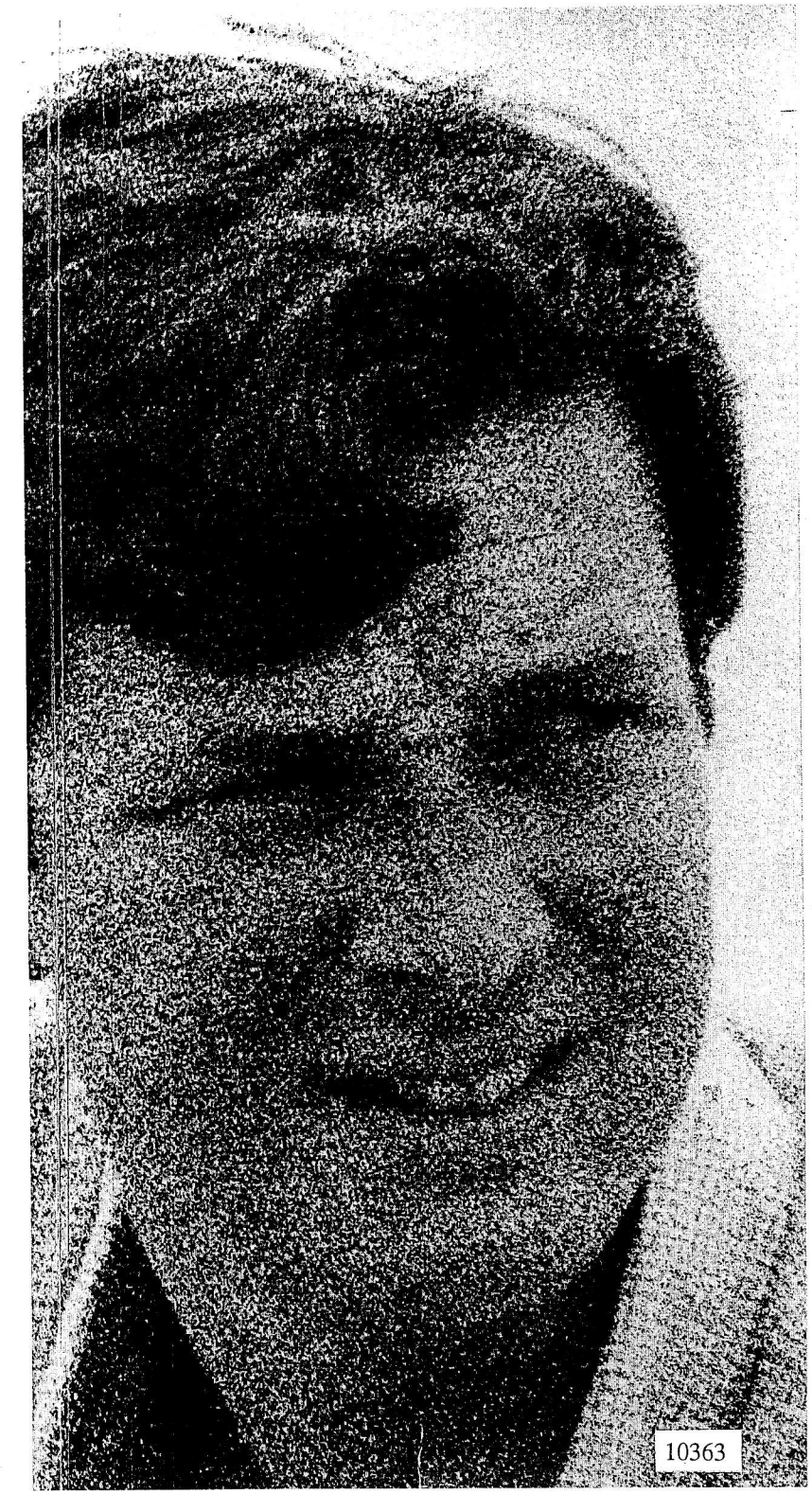
[1] OMGUS General Orders No. 5, 21 January 1947, corrected spelling to Fitzroy D. Phillips.

Exhibit 19.6



TRIBUNAL II—CASE TWO

F. Donald Phillips; Robert M. Toms, presiding; Michael A. Musmanno; John J. Speight, alternate.



10363

THE ANDROMEDA STRAIN

MICHAEL CRICHTON

ALFRED A. KNOPF

Exhibit 20.1

THE ANDROMEDA STRAIN

A NOVEL

MICHAEL CRICHTON

"This book recounts the five-day history of a major American scientific crisis. Like most crises, the events surrounding the Andromeda Strain were a compound of foresight and foolishness, innocence and ignorance. Nearly everyone involved had moments of great brilliance, and moments of unaccountable stupidity. . . ."

Thus begins this extraordinary novel of the world's first space-age biological emergency.

The Andromeda Strain sets forth with almost documentary verisimilitude the unfolding story of "Project Wildfire"—the crash mobilization of the nation's highest scientific and medical resources when an unmanned research satellite returns to earth mysteriously and lethally contaminated.

Four American scientists, chosen in advance for their experimental achievements in the fields of clinical microbiology, epidemiology, pathology, and electrolyte chemistry, are summoned under conditions of total news blackout and utmost urgency to Wildfire's secret laboratory five stories beneath the Nevada desert. There—surrounded by banks of the most sophisticated computer-assisted equipment, and sealed off from the outside world except for a telecommunications link with the national security apparatus—they work against the threat of a worldwide epidemic to find an antidote to the unknown microorganism that has inexplicably killed all but

(continued on back flap)

Jacket design by Paul Bacon

Exhibit 20.2

(continued from front flap)

two inhabitants (an elderly derelict and an infant) of the tiny Arizona town where the satellite was retrieved. Step by step they begin to unravel the puzzle of the Andromeda Strain, until, terrifyingly, their microbacterial "adversary" ruptures the hypersterile seal of the laboratory and their already desperate search for a biomedical answer becomes a split-second race against an atomic deadline.

With its narrative force, its scientific detail, its suspense—as four brilliant individualists work together under ultimate pressure—this novel makes real for the reader the real world of today's science and medicine at the top-secret levels of the Science-Space-Military high command.

The author is a trained scientist. Newspaper stories from NASA that have appeared since the completion of the manuscript read like details from *The Andromeda Strain* . . .

* * *

Michael Crichton was born in Chicago, Illinois, in 1942. He was educated at Harvard College and Harvard Medical School.

PRINTED IN U.S.A.

Exhibit 21

US007220852B1

(12) **United States Patent**
Rota et al.

(10) **Patent No.: US 7,220,852 B1**
(45) **Date of Patent: May 22, 2007**

(54) **CORONAVIRUS ISOLATED FROM HUMANS**

(75) Inventors: **Paul A. Rota**, Decatur, GA (US); **Larry J. Anderson**, Atlanta, GA (US); **William J. Bellini**, Lilburn, GA (US); **Cara Carthel Burns**, Avondale Estates, GA (US); **Raymond Campagnoli**, Decatur, GA (US); **Qi Chen**, Marietta, GA (US); **James A. Comer**, Decatur, GA (US); **Shannon L. Emery**, Lusaka (ZM); **Dean D. Erdman**, Decatur, GA (US); **Cynthia S. Goldsmith**, Lilburn, GA (US); **Charles D. Humphrey**, Lilburn, GA (US); **Joseph P. Icenogle**, Atlanta, GA (US); **Thomas G. Ksiazek**, Lilburn, GA (US); **Stephan S. Monroe**, Decatur, GA (US); **William Allan Nix**, Bethlehem, GA (US); **M. Steven Oberste**, Lilburn, GA (US); **Teresa C. T. Peret**, Atlanta, GA (US); **Pierre E. Rollin**, Lilburn, GA (US); **Mark A. Pallansch**, Lilburn, GA (US); **Anthony Sanchez**, Lilburn, GA (US); **Suxiang Tong**, Alpharetta, GA (US); **Sherif R. Zaki**, Atlanta, GA (US)

(73) Assignee: **The United States of America as represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention**, Washington, DC (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **10/822,904**

(22) Filed: **Apr. 12, 2004**

Related U.S. Application Data

(60) Provisional application No. 60/465,927, filed on Apr. 25, 2003.

(51) **Int. Cl.**
C12N 15/50 (2006.01)
C12N 7/00 (2006.01)

(52) **U.S. Cl.** **536/23.72**; 435/235.1

(58) **Field of Classification Search** 536/23.72; 514/44; 435/235.1, 320.1
See application file for complete search history.

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Primary Examiner—Mary E. Mosher
(74) *Attorney, Agent, or Firm*—Klarquist Sparkman LLP

(57) **ABSTRACT**

Disclosed herein is a newly isolated human coronavirus (SARS-CoV), the causative agent of severe acute respiratory syndrome (SARS). Also provided are the nucleic acid sequence of the SARS-CoV genome and the amino acid sequences of the SARS-CoV open reading frames, as well as methods of using these molecules to detect a SARS-CoV and detect infections therewith. Immune stimulatory compositions are also provided, along with methods of their use.

1 Claim, 7 Drawing Sheets

Exhibit 22

US 20170216427A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2017/0216427 A1**

Bickerton et al. (43) **Pub. Date: Aug. 3, 2017**

(54) **CORONAVIRUS**

(71) Applicant: **THE PIRBRIGHT INSTITUTE**, Pirbright, Woking (GB)

(72) Inventors: **Erica Bickerton**, Pirbright, Woking (GB); **Sarah Keep**, Pirbright, Woking (GB); **Paul Britton**, Pirbright, Woking (GB)

(21) Appl. No.: **15/328,179**

(22) PCT Filed: **Jul. 23, 2015**

(86) PCT No.: **PCT/GB2015/052124**

§ 371 (c)(1),
(2) Date: **Jan. 23, 2017**

(30) **Foreign Application Priority Data**

Jul. 23, 2014 (GB) 1413020.7

Publication Classification

(51) **Int. Cl.**

A61K 39/215 (2006.01)
C12N 9/12 (2006.01)
C12N 7/00 (2006.01)

(52) **U.S. Cl.**

CPC *A61K 39/215* (2013.01); *C12N 7/00* (2013.01); *C12N 9/127* (2013.01); *C12Y 207/07048* (2013.01); *C12N 2770/20021* (2013.01); *C12N 2770/20022* (2013.01); *C12N 2770/20034* (2013.01); *C12N 2770/20062* (2013.01); *A61K 2039/5254* (2013.01)

(57) **ABSTRACT**

The present invention provides a live, attenuated coronavirus comprising a variant replicase gene encoding polyproteins comprising a mutation in one or more of non-structural protein(s) (nsp)-10, nsp-14, nsp-15 or nsp-16. The coronavirus may be used as a vaccine for treating and/or preventing a disease, such as infectious bronchitis, in a subject.

The Coronavirus is patented By The PirBright Institute. The PirBright Institute is owned partially By Bill Gates. Bill Gates father was once Head of Planned Parenthood. There are online videos of Bill Gates stating the world has to reduce its population.

Separately, at one time Bill Gates owned 500,000 shares of Monsanto. "Roundup", produced by Monsanto, is Linked to Lymphoma Cancer and one couple won a Billion Dollar Case against Monsanto for this. Their name is Pilliod I believe.

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Exhibit 22.1

United States Patent
Bickerton , et al.

10,130,701
November 20, 2018

Coronavirus

Abstract

The present invention provides a live, attenuated coronavirus comprising a variant replicase gene encoding polyproteins comprising a mutation in one or more of non-structural protein(s) (nsp)-10, nsp-14, nsp-15 or nsp-16. The coronavirus may be used as a vaccine for treating and/or preventing a disease, such as infectious bronchitis, in a subject.

Inventors: **Bickerton; Erica** (Woking, **GB**), **Keep; Sarah** (Woking, **GB**), **Britton; Paul** (Woking, **GB**)

Applicant:

Name	City	State	Country	Type
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Assignee: **THE PIRBRIGHT INSTITUTE** (Woking, Pirbright, **GB**)

Family ID: 51494985
Appl. No.: 15/328,179
Filed: July 23, 2015
PCT Filed: July 23, 2015
PCT No.: PCT/GB2015/052124
371(c) (1),(2),(4) Date: January 23, 2017
PCT Pub. No.: WO2016/012793
PCT Pub. Date: January 28, 2016

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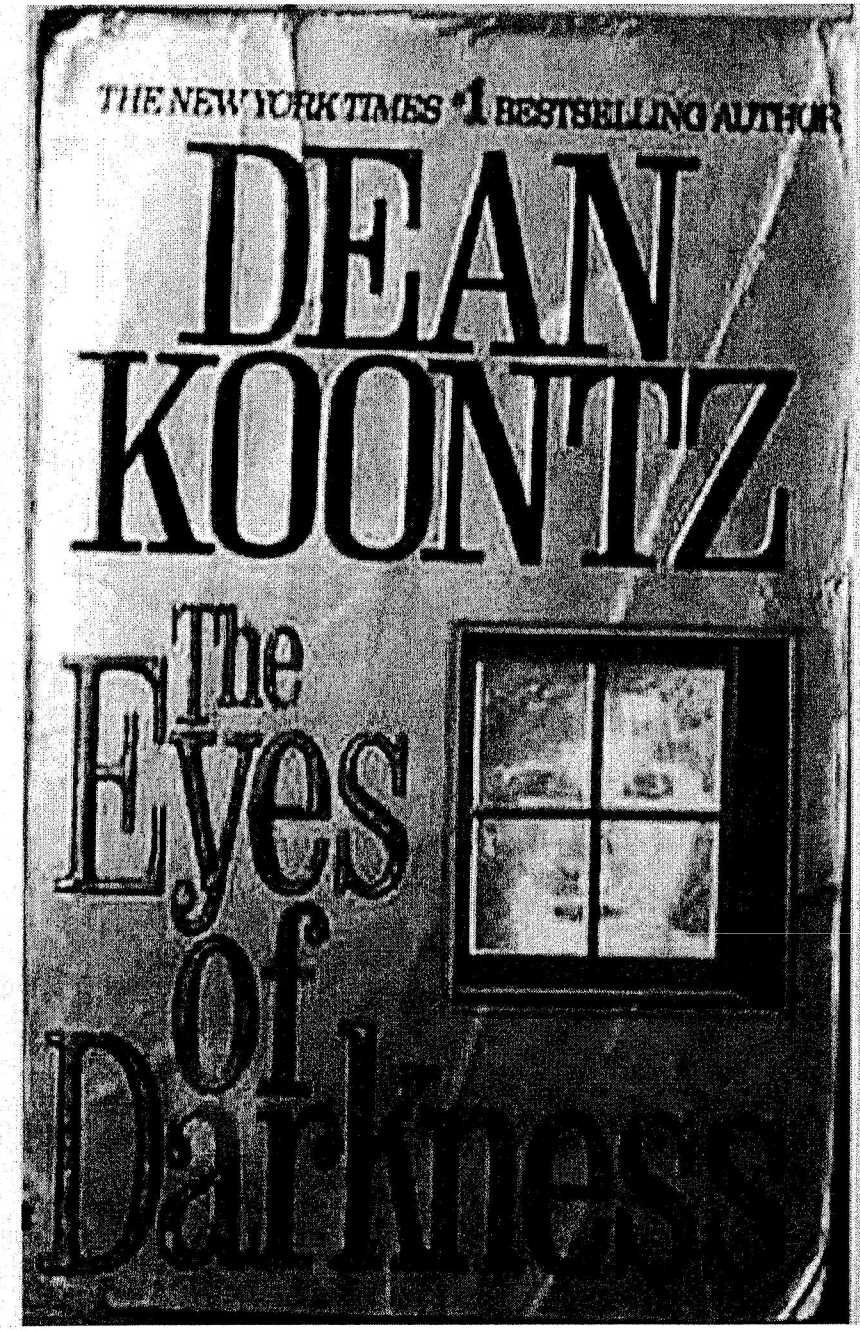
US 20170216427 A1	Aug 3, 2017

Foreign Application Priority Data

Jul 23, 2014 [GB]	1413020.7

Current U.S. Class: 1/1
Current CPC Class: C12Y 207/07048 (20130101); A61K 39/215 (20130101); C12N 9/127 (20130101); C07K 14/005 (20130101); C12N 7/00 (20130101); A61P 31/14 (20180101); C12N 2770/20062 (20130101); C12N 2770/20051 (20130101); C12N 2770/20071 (20130101); A61K 2039/70 (20130101); C12N 2770/20022 (20130101); A61K 2039/5254 (20130101); A61K



"I'm not interested in the philosophy or morality of biological warfare," Tina said. "Right now I just want to know how the hell Danny wound up in this place."

"To understand that," Dombey said, "you have to go back twenty months. It was around then that a Chinese scientist named Li Chao defected to the United States, carrying a diskette record of China's most important and dangerous new biological weapon in a decade. They call the stuff 'Wuhan-400' because it was developed at their RDNA labs outside of the city of Wuhan, and it was the four-hundredth viable strain of man-made microorganisms created at that research center.

"Wuhan-400 is a perfect weapon. It afflicts only human beings. No other living creature can carry it. And like syphilis, Wuhan-400 can't survive outside a living human body for longer than a minute, which means it can't permanently contaminate objects or entire places the way anthrax and other virulent microorganisms can. And when the host expires, the Wuhan-400 within him perishes a short while later, as soon as the temperature of the corpse drops below eighty-six degrees Fahrenheit. Do you see the advantage of all this?"

Tina was too busy with Danny to think about what Carl Dombey had said, but Elliot knew what the scientist meant. "If I understand you, the Chinese could use Wuhan-400 to wipe out a city or a country, and then there wouldn't be any need for them to conduct a tricky and expensive decontamination before they moved in and took over the conquered

Exhibit 22.12

Exhibit 22.2

JOURNAL OF BIOLOGICAL REGULATORS & HOMEOSTATIC AGENTS Vol. 34, no. 4, xx-xx (2020)

EDITORIAL

5G Technology and induction of coronavirus in skin cells

M. Fioranelli[1], A. Sepehri[1], M.G. Roccia[1], M. Jafferany[2], O. Yu. Olisova[3], K.M. Lomonosov[3] and T. Lotti[1,3]

[1]Department of Nuclear, Sub-nuclear and Radiation Physics, G. Marconi University, Rome, Italy; [2]Central Michigan Saginaw, Michigan , USA; [3]Department of Dermatology and Venereology, I.M. Sechenov First Moscow State Medical University, Moscow, Russia

RETRACTED

Received May 13, 2020 – Accepted June 9, 2020

In this research we showed that 5G millimeter waves could be absorbed by dermatologic cells acting like antennas, transfer to other cells and play the main role in producing Coronaviruses in biological cells. DNA is built from charged electrons and atoms and has an inductor-like structure. This structure could be divided into linear, toroid and wound inductors. Inductors interact with external electromagnetic waves, move and produce some extra waves within the cells. The shapes of these waves are similar to shapes of hexagonal and pentagonal bases of their DNA source. These waves produce some holes in liquids within the nucleus. To fill these holes, some extra hexagonal and pentagonal bases are produced. These bases could join to each other and form virus-like structures such as Coronavirus. To produce these viruses within a cell, it is necessary that the wavelength of external waves be shorter than the size of the cell. Thus 5G millimeter waves could be good candidates for applying in constructing virus-like structures such as Coronaviruses (COVID-19) within cells.

Coronavirus disease (COVID-19) is the main problem this year involving the entire world (1). This is an infectious disease caused by a newly-discovered coronavirus. This virus is a member of related viruses that cause diseases in mammals and birds. In humans, coronaviruses cause respiratory tract infections that can be mild, such as some cases of the common cold (among other possible causes, predominantly rhinoviruses), and others that can be lethal, such as SARS, MERS, and COVID-19. Among them, COVID-19 is an enveloped virus with a positive-sense single-stranded RNA genome and a nucleocapsid of helical symmetry. The genome size of coronaviruses ranges from approximately 27 to 34 kilobases, the largest among known RNA viruses (2, 3). To date, many scientists have tried to find a method to cure this disease (4, 5); however, without success. COVID-19 may have effects on different types of cells. For example, it has been argued that this virus could have some effects on dermatologic cells (6). On the other hand, it has been known that some waves in 5G technology have direct effects on the skin cells (7). Thus, there are some similarities between effects of COVID-19 and waves in 5G technology.

A new question arises regarding a relationship between 5G technology and COVID-19. The 5G technology is the fifth-generation mobile technology in which its frequency spectrum could be divided into millimeter waves, mid-band, and low-band. Low-

Key words: dermatologic antenna; COVID-19; 5G technology; millimeter wave; DNA; inductor

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Exhibit 22.3

JOURNAL OF BIOLOGICAL REGULATORS & HOMEOSTATIC AGENTS VOL. 34, n. 4, x. xxx (2020)

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EDITORIAL

5G Technology and induction of coronavirus in skin cells

M. Fioranelli[1], A. Sepehri[1], M.G. Roccia[1], M. Jafferany[2], O. Yu. Olisova[3], K.M. Lomonosov[3] and T. Lotti[1,3]

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Biolife

Received May 13, 2020 – Accepted June 9, 2020

In this research, we show that 5G millimeter waves could be absorbed by dermatologic cells acting like antennas, transferred to other cells and play the main role in producing Coronaviruses in biological cells. DNA is built from charged electrons and atoms and has an inductor-like structure. This structure could be divided into linear, toroid and round inductors. Inductors interact with external electromagnetic waves, move and produce some extra waves within the cells. The shapes of these waves are similar to shapes of hexagonal and pentagonal bases of their DNA source. These waves produce some holes in liquids within the nucleus. To fill these holes, some extra hexagonal and pentagonal bases are produced. These bases could join to each other and form virus-like structures such as Coronavirus. To produce these viruses within a cell, it is necessary that the wavelength of external waves be shorter than the size of the cell. Thus 5G millimeter waves could be good candidates for applying in constructing virus-like structures such as Coronaviruses (COVID-19) within cells.

Coronavirus disease (COVID-19) is the main problem this year involving the entire world (1). This is an infectious disease caused by a newly-discovered coronavirus. This virus is a member of related viruses that cause diseases in mammals and birds. In humans, coronaviruses cause respiratory tract infections that can be mild, such as some cases of the common cold (among other possible causes, predominantly rhinoviruses), and others that can be lethal, such as SARS, MERS, and COVID-19. Among them, COVID-19 is an enveloped virus with a positive-sense single-stranded RNA genome and a nucleocapsid of helical symmetry. The genome size of coronaviruses ranges from approximately 27 to 34 kilobases, the largest among known RNA viruses (2, 3). To date, many scientists have tried to find a method to cure this disease (4, 5); however, without success. COVID-19 may have effects on different types of cells. For example, it has been argued that this virus may have some effects on dermatologic cells (6). On the other hand, it has been known that some waves in 5G technology have direct effects on the skin cells (7). Thus, there are some similarities between effects of COVID-19 and waves in 5G technology.

A new question arises regarding a relationship between 5G technology and COVID-19. The 5G technology is the fifth-generation mobile technology in which its frequency spectrum could be divided into millimeter waves, mid-band, and low-band. Low-

Key words: dermatologic antenna; COVID-19; 5G technology; millimeter wave; DNA; inductor

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band uses a similar frequency range as the predecessor, 4G. 5G millimeter wave is the fastest, with actual speeds often being 1–2 Gbit/s down. Its frequencies are above 24 GHz, reaching up to 72 GHz, which is above the extremely high frequency band's lower boundary. Millimeter waves have shorter range than microwaves, therefore the reactive cells are those with smaller size (8-10). Consequently, biological cells also could act like a receiver for these waves. Many researchers have considered the effects of 5G technology on human health. For example, it has been shown that 5G mobile networking technology will affect not only the skin and eyes, but will have adverse systemic effects as well (11). In another study, it was argued that 5G technologies cause great harm to human health. Cancer is only one of the many problems. 5G causes 720 (factorial) different diseases in human beings, and can kill everything that lives except some forms of microorganisms (12). To consider the effects of 5G millimeter waves on biological systems, we propose a model which describes the process of exchanging waves between 5G towers and host cells.

To date, some researchers have tried to propose a model for using waves in extracting information within cells (13, 14). These waves could be transverse electromagnetic fields or longitudinal ultrasound waves. A DNA is built from charged particles and according to laws of physics, by any motion of these particles, some electromagnetic waves emerge (15). Also, the structure of a DNA is similar to the structure of an inductor (16) in a receiver and can produce some waves. Thus, a DNA could emit some waves and interact with external waves. However, most waves have a length more than the size of cells and pass them without any effect. Only limited waves with lengths smaller than millimeter could penetrate into cell membrane and interact with DNA inductors. These wavelengths could be observed in 5 G technology. Thus, towers in this technology could exchange waves with DNAs within cells and produce various types of diseases such as COVID-19. In this study, we propose a mechanism for exchanged waves between towers and host cells to obtain effective wavelengths. In our method, skin cells act as dermatologic antenna, take waves in 5G technology and transfer them to host cells. Then, DNAs within host cells interact with these waves and move. By motions of a DNA, some hexagonal and pentagonal holes emerge. To fill these holes, amino bases are constructed within cells. These holes join to each other and form RNA of COVID-19.

MATERIALS AND METHODS

A mechanism for exchanging waves between towers and dermatologic cells in 5G technology

Skin cells are in close connections with nerve fibers. These fibers in the nervous system play the role of wires which carry some electrical currents; these currents produce some electromagnetic waves. These waves and currents are taken by melanocytes, keratinocytes and other dermatologic cells and transmitted to the medium. On the other hand, skin cells could take waves of towers and transfer to other cells and neurons. Thus, dermatologic cells could act as an antenna (Fig. 1).

An antenna could take waves in which their wavelengths are equal to its size. Thus, millimeter waves in 5G technology could be taken more by dermatologic antennas. These waves could pass the cell membranes, enter the nucleus and interact with DNAs. Previously, it has been shown that a DNA could act as the inductor and receiver or sender of waves (16). Thus, a DNA within a dermatologic cell like a keratinocyte receives external waves and sends them to DNAs of other cells like melanocytes. Waves in 5G technology and higher technologies could contribute in gene expressions, turn on some genes and turn off others (Fig. 2).

The question is whether millimeter waves in 5G technology could contribute in constructing some viruses like COVID-19 within a cell. To reply to this question, we should consider the electronic structure of a DNA and its emitted waves. A DNA is built from atoms and electrons. These particles have some electrical charges and emit electrical fields. Also, by each motion of a DNA, its atoms and electrons move. According to the laws of physics, by motion of charged particles, some magnetic waves emerge. Consequently, a DNA emits both electrical and magnetic fields and plays the role of electrical devices within a cell. The structure of a DNA within a cell is similar to the structure of an inductor. When a DNA coils around a nucleosome, it takes the shape of a toroid

Exhibit 22.5
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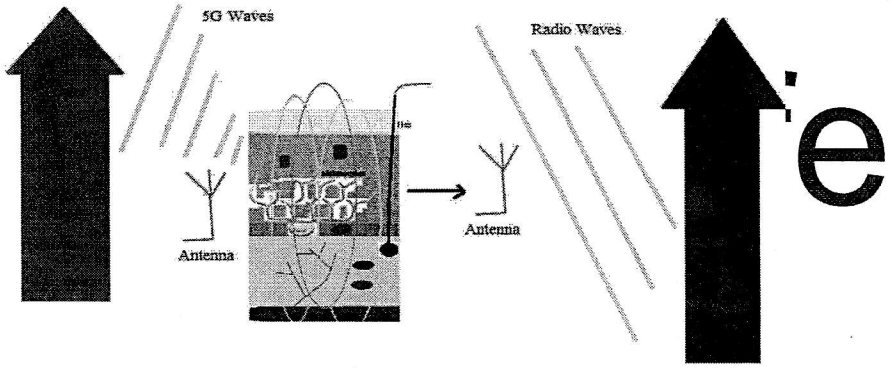

Fig. 1. *Some waves in 5G technology could be taken by dermatologic antennas, however radio waves could not pass the skin cells*

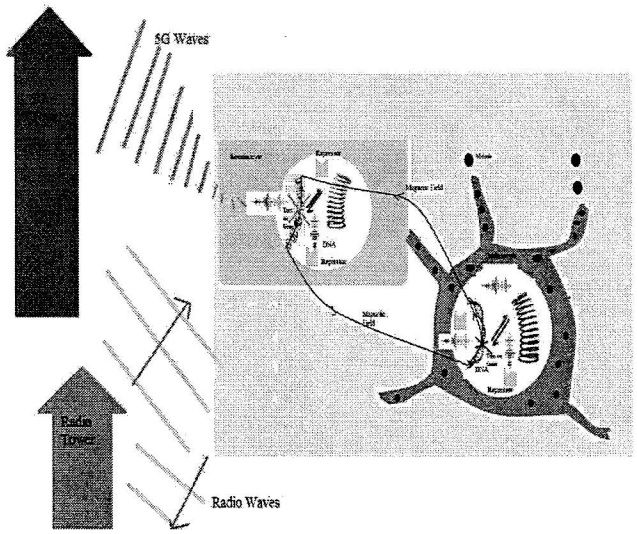

Fig. 2. *Waves in 5G technology pass the cell membranes and contribute to gene expressions*

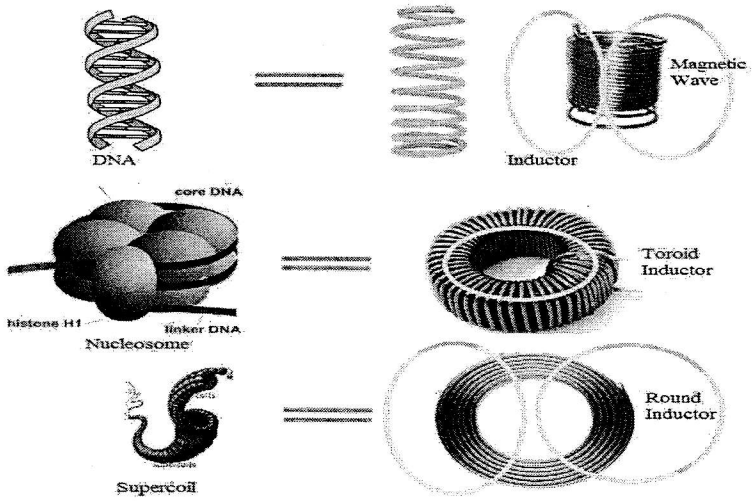

Fig. 3. *A similarity between different states of DNA with different types of inductors*

Exhibit 22.6
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inductor. Also, by coiling around another axes, a DNA becomes very similar to round inductors (Fig. 3).

A DNA coils several times around different axes within chromosomes and produces different types of inductors and electronic devices. Thus, any state of a DNA is similar to a type of an inductor and emits a special wave. Some of these waves are linear, some are curved and others have toroidal shapes (Fig. 4).

A DNA, as an electronic device within a cell, could exchange waves with medium, especially when an electromagnetic wave passes the cell membrane and the nuclear membrane, it induces an extra magnetic field within the DNA inductor and interacts with its fields. This interaction causes extra motions of this DNA, and through the motion of this DNA, its charges move and emit electromagnetic waves. The wavelength of emitted waves from a DNA is equal or less than its size within a cell. Also, shapes of radiated waves by a DNA have direct relations with the shapes of their genetic source. A DNA is formed from hexagonal and pentagonal manifolds; thus, its emitted waves have hexagonal and pentagonal shapes. These waves produce hexagonal and pentagonal holes within the liquids of a nucleus and a cell. To fill these holes, hexagonal and pentagonal molecules are built. These extra hexagonal and pentagonal bases may join to each other and form structures like RNAs of COVID-19 viruses. To produce these viruses, it is necessary that the wavelengths of external electromagnetic fields be equal or less than the size of a cell. For this reason, 5G technology waves could have the main role in the emergence of COVID-19, however radio waves could not have any effect on the evolutions within a cell (Fig. 5).

RESULTS

Effective wavelengths within a cell in 5G technology

We propose a model to obtain a probability for the amount of effects of external fields on the evolutions of cells within a cell. This probability is related to the number of microstates of a DNA within a cell:

$$P_{DNA} = \Omega_{DNA,\,EM} / \Omega_{DNA,\,tot} \quad (1)$$

Where Ω_{DNA} is the probability, $\Omega_{DNA,\,EM}$ is the number of microstates which are produced by the interaction between DNAs and electromagnetic waves, and $\Omega_{DNA,\,tot}$ is the total number of microstates. These microstates have direct relations with entropies:

$$S_{DNA} = K_S \, LOG \, (\Omega_{DNA,\,EM}) \quad (2)$$

Where S_{DNA} is the entropy and K_S is a constant. On the other hand, entropies have direct relations with energies:

$$S_{DNA} = E_{DNA} / T_{cell} \quad (3)$$

Where E_{DNA} is the excited energy of a DNA and T_{cell} is the temperature within a cell. Excited energy of a DNA depends on the linear and curved energies of hexagonal and pentagonal bases:

$$E_{DNA} = U_{B,\,linear,5} V_{B,\,linear,5} + U_{B,\,curved,5} V_{B,\,curved,5} + U_{B,\,supercoil,5} V_{B,\,supercoil,5} + U_{B,\,linear,6} V_{B,\,linear,6} + U_{B,\,curved,6} V_{B,}$$

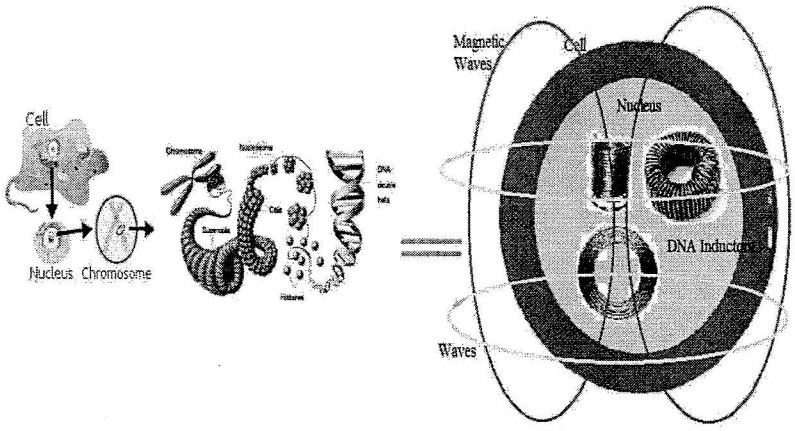

Fig. 4. *A DNA within the nucleus acts as the inductor and emits magnetic waves*

Exhibit 22.7
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$_{curved,6} + U_{B,\ supercoil,6} V_{B,\ supercoil,6}$ (4)

Where $U_{B,\ linear,5/6}$ is the energy density of a pentagonal/hexagonal molecule, $V_{B,\ linear,\ ,5/6}$ is the volume of a pentagonal/hexagonal disk , $U_{B,\ curved,\ ,5/6}$ is the energy density of a pentagonal/hexagonal molecule which coils around a nucleosome, $V_{B,\ curved,\ ,5/6}$ is the volume of a coiled pentagonal/hexagonal disk, $U_{B,\ supercoil,\ ,5/6}$ is the energy density of a pentagonal/hexagonal molecule which coils around supercoil axes and $V_{B,\ supercoil,\ ,5/6}$ is its volume. Volumes can be obtained from the following equations:

$V_{B,\ linear,5} = 5\ [1/2\ (r_{base} + x_{EM})^2 \cos(\Theta_{penta}) \sin(\Theta_{penta})]\ [r_{base} + x_{EM}]$

$V_{B,\ linear,6} = 5\ [1/2\ (r_{base} + x_{EM})^2 \cos(\Theta_{hexa}) \sin(\Theta_{hexa})]\ [r_{base} + x_{EM}]$

$V_{B,\ curved,5} = 5\pi\ [1/2\ (r_{base} + x_{EM})^2 \cos(\Theta_{penta}) \sin(\Theta_{penta})] \times [r_{base} + x_{EM}][r_{histone} + x_{EM}]^2$

$V_{B,\ curved,6} = 5\pi\ [1/2\ (r_{base} + x_{EM})^2 \cos(\Theta_{hexa}) \sin(\Theta_{hexa})])] \times [r_{base} + x_{EM}][r_{histone} + x_{EM}]^2$

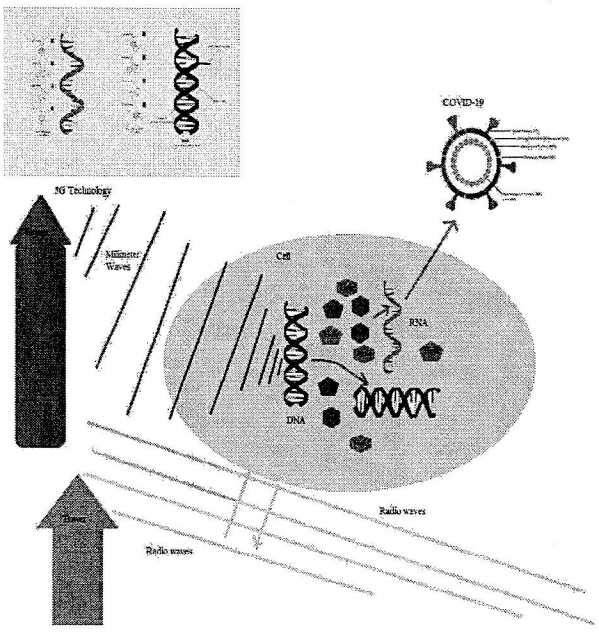

Fig. 5. *5G technology waves could pass the cell membranes and lead to production of COVID-19; however the size of radio waves are more than the size of cells and thus radio waves could not pass the cell membranes.*

$V_{B,\ supercoil,5} = 5\pi^2\ [1/2\ (r_{base} + x_{EM})^2 \cos(\Theta_{penta}) \sin(\Theta_{penta})] \times [r_{base} + x_{EM}][r_{histone} + x_{EM}]^2 [r_{supercoil} + x_{EM}]^2$

$V_{B,\ supercoil,6} = 5\pi^2\ [1/2\ (r_{base} + x_{EM})^2 \cos(\Theta_{hexa}) \sin(\Theta_{hexa})] \times [r_{base} + x_{EM}][r_{histone} + x_{EM}]^2 [r_{supercoil} + x_{EM}]^2$ (5)

Where r_{base} is the length of a base ($\sim 10^{-9}$), $r_{histone}$ is the radius of histones ($\sim 10^{-8}$), $r_{supercoil}$ is the radius of a supercoil ($\sim 10^{-7}$), Θ_{hexa} ($\pi/6$) is the central angle of a hexagonal molecule, Θ_{penta} ($\pi/5$) is the central angle of pentagonal molecule, x_{EM} is the oscillating length which has a direct relation with the wavelength of external field:

$E_{EM} = 1/2\ K_{EM}\ x_{EM}^2 = h\ \upsilon_{EM} = h\ c/\ \lambda_{EM}$ (6)

Where υ_{EM} is the frequency, λ_{EM} is the wavelength of external field, c is the velocity of light and h is the plank constant. Thus, we can write the following equation:

$x_{EM} \sim \lambda_{EM}^{-1/2}$ (7)

We should then calculate magnetic energies and magnetic fields. We assume that a DNA acts like an inductor and thus, we write the following equation for its magnetic fields:

For linear inductor:

$B_{DNA,\ linear,5/6} = \mu_0\ n_{gene5/6}\ I_{gene,5/6}$ (8)

For curved inductor:

$B_{DNA,\ curved,5/6} = \mu_0\ n_{gene5/6}\ I_{gene,5/6}/2\pi[r_{histone} + \lambda_{EM}^{-1/2}]$ (9)

For supercoils:

$B_{DNA,\ curved,5/6} = \mu_0\ n_{gene5/6}\ I_{gene,5/6}/[4\pi^2\ [r_{histone} + \lambda_{EM}^{-1/2}]\ [r_{supercoil} + \lambda_{EM}^{-1/2}]]$ (10)

Where $n_{gene5/6}$ is the density of genes including hexagonal and pentagonal molecules (17) within DNAs, $r_{histone}$ is the size of histone (3×10^{-10}) (18), $r_{supercoil}$ is the radius of supercoil ($\sim 10^{-9}$) and $I_{gene,5/6}$ is ther current which moves along pentagonal/hexagonal molecules of genes. We assume that each gene is in fact a long wire that is coiled around the axis of a DNA. A DNA may have 50,000 or more gene (N_{gene}) (17) and each gene is around 10^{-12} meter long (L_{gene}) within a cell. Thus, we can calculate density of genes (n_{gene}):

$n_{gene,\ 5/6} = N_{gene}/L_{gene5/6}$ (11)

$N_{gene} = 50000$ (17) (12)

$L_{gene} = 10^{-12}$m (19, 20) (13)

$L_{gene,\ 5/6} = 2 \times 10^{-12}$ m (19, 20) (14)

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$n_{gene,\,5/6} = 2.5 \times 10^{16}$ (15)

To calculate the value of the current along genes, we should calculate the total effective charge of all genes ($Q_{gene,5/6}$) and their velocity ($V_{gene,5/6}$).

$I_{gene,5/6} = Q_{gene,5/6}\, V_{gene,5/6}$ (16)

Effective charges of all genes are different from their normal total charges. A gene may have a few normal charges because its charges cancel the effect of each other in the static state. However, during the gene expression and DNA evolutions, each charge has a separate effect. For this reason, we should regard total charges of all genes. To obtain this charge, we should write:

$Q_{gene,5/6} = N_{gene,5/6}\, q_{gene,5/6}$ (17)

Where $N_{gene,5/6} = 2\, N_{gene}$ is the number of genes including pentagonal/hexagonal molecules and $q_{gene,5/6}$ is the effective charge of pentagonal/ hexagonal molecules in a gene. Again, we insist that effective charge of a gene is different from its normal charge. In fact, we should regard all electrons and atoms that contribute in gene expression. For this reason, we should write:

$q_{gene,5/6} = 4N_{base}\, q_{base}$ (18)

where N_{base} is the number of base pairs within a gene (17, 18) and q_{base} is the effective electrical charge of a base. We can put approximate numbers and obtain the effective charge of all genes:

$N_{base} = 10^9$ (21, 22) (19)

$q_{base} = (10\text{-}20)\, q_{electron} = (10\text{-}20) \times 1/6 \times 10^{-19}$ (20)

$Q_{gene,\,5/6} = 4 \times 10^{-4}$ (21)

Now, we calculate the effective velocity of genes:

$V_{gene,\,5/6} = L_{gene,\,5/6}\, \omega_{gene,\,5/6}$ (22)

This velocity depends on the length of a gene ($L_{gene,\,5/6}$) and its rotating velocity ($\omega_{gene,\,5/6}$).

$L_{gene,\,5/6} = 2 \times 10^{-12}$ m (19, 20) (23)

The rotating velocity of a gene ($\omega_{gene,\,5/6}$) can be obtained by summing over rotating velocities of all its effective charges ($\omega_{charge,\,5/6}$):

$\omega_{gene,\,5/6} = n_{charge,\,5/6}\, \omega_{charge,\,5/6}$ (24)

To obtain the number of charges, we multiply number of bases and number of atoms/electrons

$n_{charge,\,5/6} = 2N_{base}\, N_{atom}$ (25)

Now, we put approximate values for numbers and obtain velocity of genes:

$N_{base} = 10^9$ (21, 22) (26)

$N_{atom} = 10$ (27)

$r_{charge,\,5/6} = 2 \times 10^{-10}$ (28)

$\omega_{charge\,,\,5/6} = 2\pi / T_{charge,\,5/6}$ (29)

$T_{charge,\,5/6} = [\lambda_{EM}]^{1/2} / c$ (30)

$\omega_{charge,\,5/6} = 6.28 \times 10^{8}$ (31)

$V_{gene,\,5/6} = 2.516 \times 10^{-4}$ (32)

Substituting values of velocity from equation (32) and charges from equation (21) in equation (16), we can obtain the current of genes:

$I_{gene,\,5/6} \sim 10^{-3}$ (33)

Putting the current from the above equation (33) and density of genes from equation (15) in equations (6-10), we calculate magnetic fields of a DNA within a cell.

$B_{DNA,\,linear,5/6} \sim 10^{7}\, [\lambda_{EM}]^{-1/2}$ (34)

$B_{DNA,\,curved,5/6} \sim 10^{16}\, [\lambda_{EM}]^{-1}$ (35)

$B_{DNA,\,supercoil,5/6} \sim 10^{25}\, [\lambda_{EM}]^{3/2}$ (36)

Using these fields, we can obtain energy density of magnetic fields around a DNA within a cell.

$\mu_0 = 4\pi \times 10^{-7}$ (37)

$U_{B,\,linear,5/6} = ([B_{DNA,\,linear,5/6}]^{2} / 2\,\mu_0) \sim 10^{21}\, [\lambda_{EM}]^{-1}$ (38)

$U_{B,\,curved,5/6} = ([B_{DNA,\,curved,5/6}]^{2} / 2\,\mu_0) \sim 10^{38}\, [\lambda_{EM}]^{-2}$ (39)

$U_{B,\,supercoil,5/6} = ([B_{DNA,\,supercoil,5/6}]^{2} / 2\,\mu_0) \sim 10^{56}\, [\lambda_{EM}]^{-3}$ (40)

Consequently, substituting above results in equation (4), total energy can be obtained from the following equation:

$$E_{DNA} = [5\,[1/2\,(r_{base} + \lambda_{EM}^{-1/2})^2 \cos(\Theta_{penta}) \sin(\Theta_{penta})]\,[r_{base} + \lambda_{EM}^{-1/2}]$$
$$+ 5\,[1/2\,(r_{base} + \lambda_{EM}^{-1/2})^2 \cos(\Theta_{hexa}) \sin(\Theta_{hexa})][r_{base} + \lambda_{EM}^{-1/2}]] \times 10^{21}\,[\lambda_{EM}]^{-1}$$
$$+ [5\pi\,[1/2\,(r_{base} + \lambda_{EM}^{-1/2})^2 \cos(\Theta_{penta}) \sin(\Theta_{penta})] \times [r_{base} + \lambda_{EM}^{-1/2}][r_{histone} + \lambda_{EM}^{-1/2}]^2$$
$$+ 5\pi\,[1/2\,(r_{base} + \lambda_{EM}^{-1/2})^2 \cos(\Theta_{hexa}) \sin(\Theta_{hexa})])] \times [r_{base} + x_{EM}][r_{histone} + \lambda_{EM}^{-1/2}]^2 \times 10^{38}\,[\lambda_{EM}]^{-2}$$
$$+ [5\pi^2\,[1/2\,(r_{base} + \lambda_{EM}^{-1/2})^2 \cos(\Theta_{penta}) \sin(\Theta_{penta})] \times [r_{base} + x_{EM}][r_{histone} + \lambda_{EM}^{-1/2}]^2 [r_{supercoil} + \lambda_{EM}^{-1/2}]^2$$
$$+ 5\pi^2\,[1/2\,(r_{base} + \lambda_{EM}^{-1/2})^2 \cos(\Theta_{hexa}) \sin(\Theta_{hexa})])] \times [r_{base} + \lambda_{EM}^{-1/2}][r_{histone} + \lambda_{EM}^{-1/2}]^2 [r_{supercoil} + \lambda_{EM}^{-1/2}]^2] \times 10^{56}\,[\lambda_{EM}]^{-3}$$ (41)

Substituting the above equation in equations (1-3), we can obtain the probability for the amount of effects of external fields on the evolutions of DNAs within a cell:

$P_{DNA} = \exp(K_S\, E_{DNA} / T_{cell}) / \Omega_{DNA,\,tot}$ (42)

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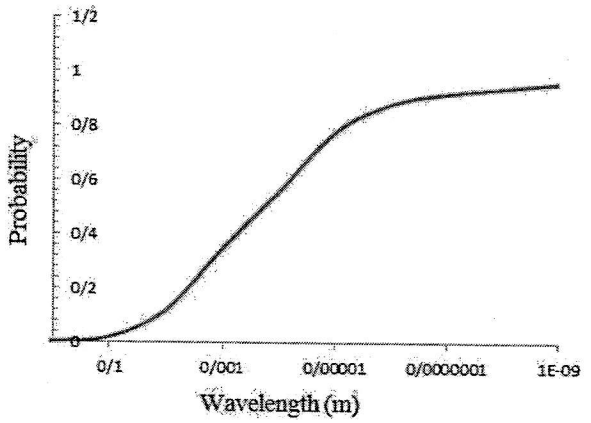

Fig. 6. *The probability of the effect of waves on the evolutions of a DNA within a cell in terms of wavelength*

The above probability depends on the wavelength of external fields.

In Fig. 6, we show the probability for producing hexagonal and pentagonal DNA holes within a cell. This figure indicates that by decreasing the wavelength ($< 10^{-3}$m), waves pass the cell membrane and interact with DNAs. This interaction causes the motions of DNAs. By motions of DNAs, their charges move and emit strong waves. These waves produce hexagonal and pentagonal holes within a cell. To fill these holes, extra bases are produced. These bases could join to each other and form viruses such as COVID-19.

DISCUSSION

Our results show that, by decreasing the wavelength, waves emitted from towers in 5G and higher technologies could have more effect on evolutions of DNAs within cells. This is because dermatologic cell membranes act as an antenna for these waves. They are built from charged particles, such as electrons and atoms, and could emit or receive waves. On the other hand, an antenna could only take waves in which their lengths are not greater than its size. Thus, a cell membrane could take millimeter waves in 5G technology. These waves could pass the membrane and interact with biological matters within a cell. If wavelengths of 5G waves be equal or less than the size of a nucleus, they can pass the nuclear membrane and interact with DNAs. These DNAs are built from hexagonal and pentagonal bases and, by their motions, some holes emerge. These holes are filled by hexagonal and pentagonal extra bases which are constructed by cells. These bases could join to each other and form some viruses such as Coronavirus. It is concluded that in the next generation of mobile technology, emitted waves of towers will have more effects on biological cells.

In this research, we have shown that new generation mobile technology, like 5G, could have the main role in constructing various types of viruses, such as Coronaviruses, within a cell. Some wavelengths in these technologies are smaller than the size of biological cells and could pass the cell membrane and enter the nucleus. These waves could be taken by dermatologic antenna, transfer to host cells, interact with DNAs and move them. A DNA is formed from charged particles and, by its motions, electromagnetic waves emerge. These waves produce hexagonal and pentagonal holes in liquids within nucleus and the cell. To fill these holes, bases are produced. These bases join to each other and can construct viruses like Coronaviruses.

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Exhibit 23

US005242820A

United States Patent [19]

Lo

[11] Patent Number: 5,242,820

[45] Date of Patent: Sep. 7, 1993

[54] PATHOGENIC MYCOPLASMA

[75] Inventor: Shyh-Ching Lo, Potomac, Md.

[73] Assignee: American Registry of Pathology, Washington, D.C.

[21] Appl. No.: 710,361

[22] Filed: Jun. 6, 1991

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 265,920, Nov. 2, 1988, abandoned, which is a continuation-in-part of Ser. No. 875,535, Jun. 18, 1986, abandoned.

[51] Int. Cl.[5] C12N 5/00; C12N 5/02; C12N 1/00; C12Q 1/70

[52] U.S. Cl. 435/240.2; 435/5; 435/872

[58] Field of Search 435/870, 5, 872, 240.2

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Primary Examiner—Christine M. Nucker
Assistant Examiner—D. R. Preston
Attorney, Agent, or Firm—Venable, Baetjer, Howard & Civiletti

[57] ABSTRACT

The invention relates to a novel pathogenic mycoplasma isolated from patients with Acquired Immune Deficiency Syndrome (AIDS) and its use in detecting antibodies in sera of AIDS patients, patients with AIDS-related complex (ARC) or patients dying of diseases and symptoms resembling AIDS diseases. The invention further relates to specific DNA sequences, antibodies against the pathogenic mycoplasma, and their use in detecting DNA or antigens of the pathogenic mycoplasma or other genetically and serologically closely related mycoplasmas in infected tissue of patients with AIDS or ARC or patients dying of symptoms resembling AIDS diseases. The invention still further relates to a variety of different forms of vaccine against mycoplasma infection in humans and/or animals.

2 Claims, 39 Drawing Sheets

US005676977A

United States Patent [19]

Antelman

[11] Patent Number: 5,676,977

[45] Date of Patent: Oct. 14, 1997

[54] **METHOD OF CURING AIDS WITH TETRASILVER TETROXIDE MOLECULAR CRYSTAL DEVICES**

[75] Inventor: **Marvin S. Antelman**, Rehovot, Israel

[73] Assignee: **Antelman Technologies Ltd.**, Providence, R.I.

[21] Appl. No.: **658,955**

[22] Filed: **May 31, 1996**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 310,859, Sep. 22, 1994, abandoned.

[51] **Int. Cl.**[6] **A61K 33/38**

[52] **U.S. Cl.** **424/618**; 514/495

[58] **Field of Search** 424/618; 514/495

[56] **References Cited**

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Primary Examiner—Amy Hulina

Attorney, Agent, or Firm—Salter & Michaelson

[57] **ABSTRACT**

The diamagnetic semiconducting molecular crystal tetrasilver tetroxide (Ag_4O_4) is utilized for destroying the AIDS virus, destroying AIDS synergistic pathogens and immunity suppressing moieties (ISM) in humans.

A single intravenous injection of the devices is all that is required for efficacy at levels of about 40 PPM of human blood. The device molecular crystal contains two mono and two trivalent silver ions capable of "firing" electrons capable of electrocuting the AIDS virus, pathogens and ISM. When administered into the bloodstream, the device electrons will be triggered by pathogens, a proliferating virus and ISM, and when fired will simultaneously trigger a redox chelation mechanism resulting in divalent silver moieties which chelate and bind active sites of the entities destroying them. The devices are completely non-toxic. However, they put stress on the liver causing hepatomegaly, but there is no loss of liver function.

3 Claims, No Drawings

Exhibit 24

Exhibit 25

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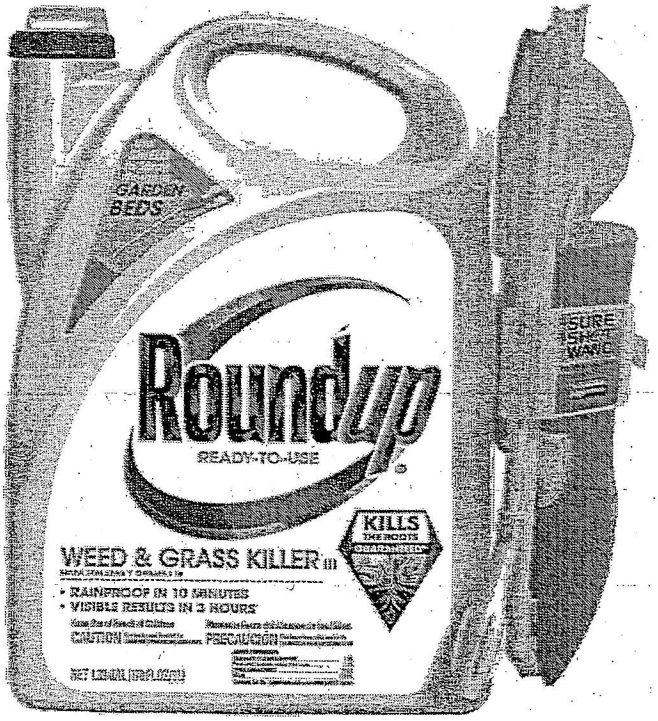
USA TODAY

Jury orders Monsanto to pay $289 million to cancer patient in Roundup lawsuit

Mike James and Jorge L. Ortiz | USA TODAY
Published 11:10 PM EDT Aug 10, 2018

SAN FRANCISCO — A jury ordered chemical giant Monsanto to pay $289 million Friday to a school groundskeeper who got terminal cancer after using Roundup, one of the world's most popular weed killers.



Scotts Miracle-Gro

The Superior Court jury deliberated for two and a half days before finding that Dewayne Johnson's non-Hodgkin lymphoma was at least partly due to using glyphosate, the primary ingredient in Roundup. Johnson regularly used glyphosate to spray fields while working as a groundskeeper.

Monsanto "acted with malice, oppression or fraud and should be punished for its conduct," Judge Suzanne Ramos Bolanos announced in court.

Scott Partridge, Monsanto's vice president, said in a statement that the company will

Exhibit 26

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FILED
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16 JAN 28 PM 12:
BY: CLERK OF THE COURT
DEPUTY

SUPERIOR COURT OF THE STATE OF CALIFORNIA

IN AND FOR THE COUNTY OF SAN FRANCISCO

(UNLIMITED JURISDICTION)

DEWAYNE JOHNSON,

Plaintiff,

vs.

MONSANTO COMPANY;
STEVEN D. GOULD;
WILBUR-ELLIS COMPANY, LLC; and
WILBUR-ELLIS FEED, LLC,

Defendants.

Case No.:
CGC-16-550128

COMPLAINT FOR DAMAGES AND DEMAND FOR JURY TRIAL

1. **Strict Liability – Design Defect**
2. **Strict Liability – Failure to Warn**
3. **Negligence**
4. **Breach of Implied Warranty**
5. **Punitive Damage**

JURY TRIAL DEMANDED

ORIGINAL

BY FAC

COMPLAINT AND DEMAND FOR JURY TRIAL

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City, State, ZIP+4®: Orange, Virginia [22960]

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Exhibit 27

IN THE COURT OF APPEAL OF THE STATE OF CALIFORNIA

FIRST APPELLATE DISTRICT, DIVISION TWO

ALVA AND ALBERTA PILLIOD,
Plaintiffs and Cross-Appellants,

v.

MONSANTO COMPANY,
Defendant and Appellant.

APPEAL FROM ALAMEDA COUNTY SUPERIOR COURT
WINIFRED SMITH, JUDGE • CASE NO. RG17862702

MOTION FOR JUDICIAL NOTICE; MEMORANDUM OF POINTS AND AUTHORITIES; DECLARATION OF DEAN A. BOCHNER; [PROPOSED] ORDER

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MONSANTO COMPANY

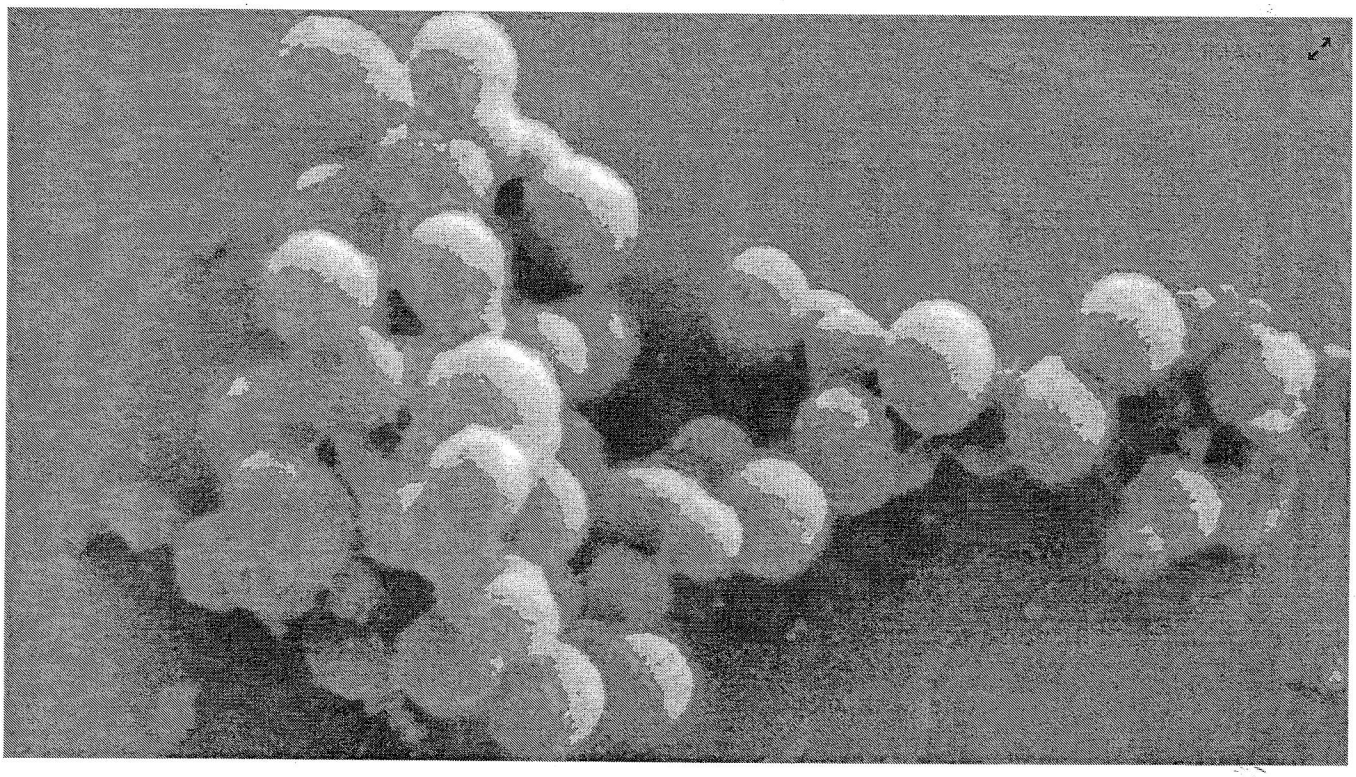
Document received by the CA 1st District Court of Appeal.

Exhibit 28.1

SCIENCE

First truly synthetic organism created using four bottles of chemicals and a computer

By Ben Coxworth
May 21, 2010



Mycoplasma mycoides JCVI-syn1.0 - the world's first synthetic organism

VIEW GALLERY - 3 IMAGES

A research team, led by Craig Venter of America's J. Craig Venter Institute (JVCI), has successfully produced the first self-replicating, synthetic bacterial cell. Called *Mycoplasma mycoides* JCVI-syn1.0 the synthetic cell is the proof of principle that genomes can be designed in the computer, chemically made in the laboratory and transplanted into a recipient cell to produce a new self-replicating cell controlled only by the synthetic genome. The resulting bacterium could be regarded as the first truly synthetic organism. The researchers now hope to be able to explore the machinery of life, and to engineer bacteria designed for specific purposes such as producing drugs, biofuels or other useful chemicals.

"This is the first synthetic cell that's been made, and we call it synthetic because the cell is totally derived from a synthetic chromosome, made with four bottles of chemicals on a chemical synthesizer, starting with information in a computer,"

Exhibit 28.2

The complete synthetic *M. mycoides* genome was isolated from the yeast cell and transplanted into *Mycoplasma capricolum* recipient cells that have had the genes for its restriction enzyme removed. The synthetic genome DNA was transcribed into messenger RNA, which in turn was translated into new proteins. The *M. capricolum* genome was either destroyed by *M. mycoides* restriction enzymes or was lost during cell replication. After two days viable *M. mycoides* cells, which contained only synthetic DNA, were clearly visible on petri dishes containing bacterial growth medium.

Because the initial synthesis of the synthetic genome did not result in any viable cells the JCVI team developed an error correction method to test that each cassette they constructed was biologically functional. They did this by using a combination of 100 kb natural and synthetic segments of DNA to produce semi-synthetic genomes. This approach allowed for the testing of each synthetic segment in combination with 10 natural segments for their capacity to be transplanted and form new cells. Ten out of 11 synthetic fragments resulted in viable cells; therefore the team narrowed the issue down to a single 100 kb cassette. DNA sequencing revealed that a single base pair deletion in an essential gene was responsible for the unsuccessful transplants. Once this one base pair error was corrected, the first viable synthetic cell was produced.

Dr. Gibson stated, "To produce a synthetic cell, our group had to learn how to sequence, synthesize, and transplant genomes. Many hurdles had to be overcome, but we are now able to combine all of these steps to produce synthetic cells in the laboratory." He added, "We can now begin working on our ultimate objective of synthesizing a minimal cell containing only the genes necessary to sustain life in its simplest form. This will help us better understand how cells work."

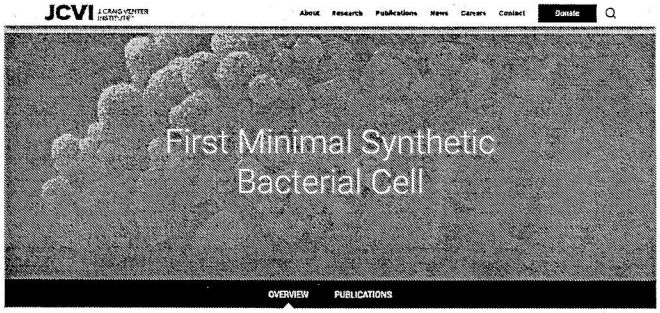
According to Dr. Hutchison, "To me the most remarkable thing about our synthetic cell is that its genome was designed in the computer and brought to life through chemical synthesis, without using any pieces of natural DNA."

Genetic Watermark

In 2008 the same team reported on the construction of the first synthetic bacterial genome by assembling DNA fragments made from the four chemicals of life - ACGT. The final assembly of DNA fragments into the whole genome was performed in yeast by making use of the yeast genetic systems. However, when the team attempted to transplant the synthetic bacterial genome out of yeast and into a recipient bacterial cell, viable transplants could not be recovered.For that case the team designed and inserted into the genome what they called watermarks. These are specifically designed segments of DNA that use the "alphabet" of genes and proteins that enable the researcher to spell out words and phrases. The watermarks are an essential means to prove that the genome is synthetic and not native, and to identify the laboratory of origin.

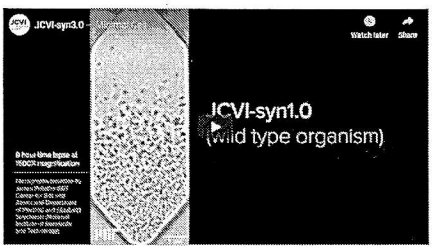
The team used the same process to insert watermarks into *Mycoplasma mycoides* JCVI-syn1.0. Encoded in the watermarks is a new DNA code for writing words, sentences and numbers. In addition to the new code there is a web address to send

Exhibit 29

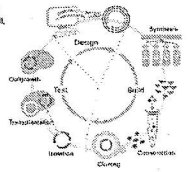


Researchers from the J. Craig Venter Institute (JCVI) and Synthetic Genomics, Inc. (SGI) have accomplished the next feat in synthetic biology research—the design and construction of the first minimal synthetic bacterial cell, JCVI-syn3.0.

Using the first synthetic cell, *Mycoplasma mycoides* JCVI-syn1.0 (built by this same team in 2010), JCVI-syn3.0 was developed through a design, build, and test (DBT) process using genes from JCVI-syn1.0. The new minimal synthetic cell contains only 531,560 base pairs and just 473 genes making it the smallest genome of any self-replicating organism.



A paper describing this research is published in the March 25 print version of the journal, Science by lead author Clyde A. Hutchison, III, Ph.D., senior author J. Craig Venter, Ph.D., and senior team of Hamilton O. Smith, MD, Daniel G. Gibson, Ph.D., and John I. Glass, Ph.D.



Writing Biological Code

A biological cell is very much like a computer—the genome is the software that encodes the instructions of the cell and the cellular machinery is the hardware that interprets and runs the genome software. Major advances in DNA technologies have made it possible for biologists to now behave as software engineers and rewrite entire genomes to program new biological operating systems.

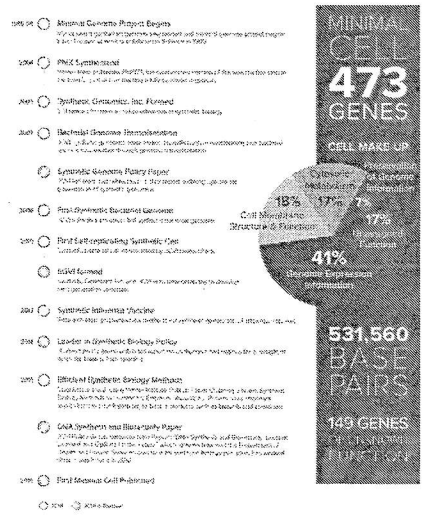
Project Goals

A major goal in synthetic biology is to have the capacity to predictably design and build DNA that produces a cell with new and improved biological functions that do not already exist in nature. Significant advances have been made in DNA design at the gene and pathway level and in engineering bacteriophage genomes. But, even with all the advances that have been made in genomics and synthetic biology, there is still not a single self-replicating cell in which we understand the function of every one of its genes. Toward this goal, the JCVI/SGI team has been working to understand the gene content of a minimal cell—a cell that has only the machinery necessary for independent life.

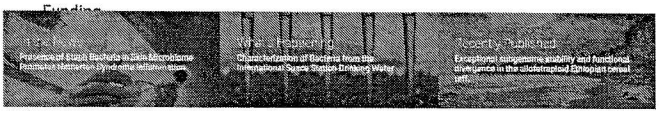
Since the generation of the first synthetic cell in 2010, the team found ways to drastically speed up the process of building cells from the bottom up. They developed new tools and semi-automated processes for genome synthesis, including more rapid, more accurate, and more robust methods for going from oligonucleotides (small pieces of DNA) to whole chromosomes. Over the past 10 years whole bacterial chromosome assembly has gone from impossible, to possible in years, to months and now to just weeks with these new methods, which are made available to scientists in this manuscript.

A major outcome of this minimal cell program has been new tools and semi-automated processes for whole genome synthesis. Many of these synthetic biology tools and services are commercially available through SGI-DNA.

Milestones in JCVI Synthetic Biology Research and Policy



Funding


Patterns of Strain Variation in Skin Microbiome Following Ultraviolet Radiation Exposure
Characterization of Bacteria from the International Space Station Drinking Water
Exceptional genomic stability and functional divergence in the allotetraploid Ectocarpus genus

Principal Investigator

John Glass, PhD

Note on Data

The JCVI-syn3.0 sequence has been deposited in Genbank under the accession number CP014940. You can access the supplementary material for the paper by clicking on the link at the end of the text. Note that in addition to Materials and Methods, Supplementary Figures, Supplementary Tables, and References, there is also a link to an Excel spreadsheet named Database S1. This spreadsheet gives detailed information about the genes of JCVI-syn3.0. The coordinate of each gene on the M. mycoides JCVI-syn1.0 sequence are listed (Genbank accession number CP002027). There is also information about gene annotation, and a column listing the complete amino acid sequence of each protein gene product.

Related Research

Related

Exhibit 30.1

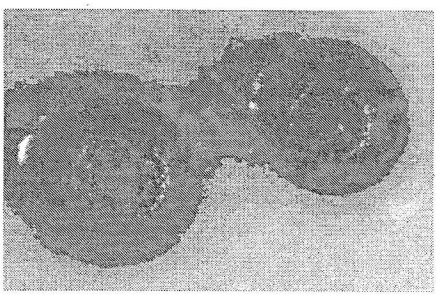
First Self-Replicating Synthetic Bacterial Cell

OVERVIEW

Genomic science has greatly enhanced our understanding of the biological world. It is enabling researchers to "read" the genetic code of organisms from all branches of life by sequencing the four letters that make up DNA. Sequencing genomes has now become routine, giving rise to thousands of genomes in the public databases. In essence, scientists are digitizing biology by converting the A, C, T, and G's of the chemical makeup of DNA into 1's and 0's in a computer. But can one reverse the process and start with 1's and 0's in a computer to define the characteristics of a living cell? We set out to answer this question.

In the field of chemistry, once the structure of a new chemical compound is determined by chemists, the next critical step is to attempt to synthesize the chemical. This would prove that the synthetic structure had the same function of the starting material. Until now, this has not been possible in the field of genomics. Structures have been determined by reading the genetic code, but they have never been able to be verified by independent synthesis.

In 2003, JCVI successfully synthesized a small virus that infects bacteria. By 2008, the JCVI team was able to synthesize a small bacterial genome; however they were unable to activate that genome in a cell at that time.



Colonies of the transformed *Mycoplasma mycoides* bacterium.

Image Credit: J. Craig Venter Institute.

Related

Press Release (Web | PDF)

Frequently Asked Questions (PDF)

Fact Sheet: Ethical and Societal Implications/Policy Discussions about Synthetic Genomics Research (PDF)

Fact Sheet: Background/ Rationale for Creation of a Synthetic Bacterial Cell (PDF)

Data

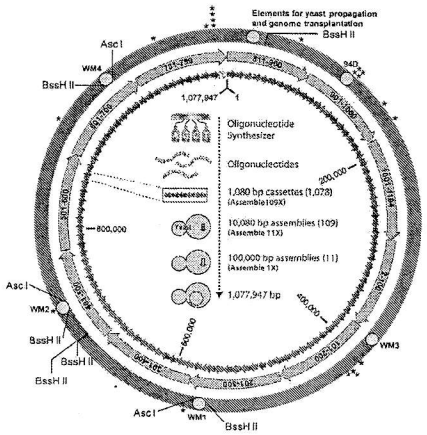
Synthetic Mycoplasma mycoides JCVI-syn1.0 clone sMmYCp235-1 GenBank record (CP002027)

Related Research

Synthetic Biology

Exhibit 30.2

Now, this scientific team headed by Drs. Craig Venter, Hamilton Smith and Clyde Hutchison have achieved the final step in their quest to create the first synthetic bacterial cell. In a publication in *Science* magazine, Daniel Gibson, Ph.D. and a team of 23 additional researchers outline the steps to synthesize a 1.08 million base pair *Mycoplasma mycoides* genome, constructed from four bottles of chemicals that make up DNA. This synthetic genome has been "booted up" in a cell to create the first cell controlled completely by a synthetic genome.

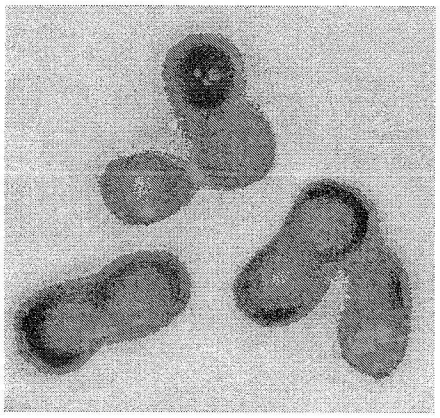


The assembly of a synthetic M. mycoides genome in yeast. Figure from Gibson, D. G., J. I. Glass, et al. 2010. Creation of a bacterial cell controlled by a chemically synthesized genome. Science, Published online May 20 2010.

View high resolution PDF.

The work to create the first synthetic bacterial cell was not easy, and took this team approximately 15 years to complete. Along the way they had to develop new tools and techniques to construct large segments of genetic code, and learn how to transplant genomes to convert one species to another. The 1.08 million base pair synthetic *M. mycoides* genome is the largest chemically defined structure ever synthesized in the laboratory.

While this first construct — dubbed *M. mycoides* JCVI-syn1.0, is a proof of concept, the tools and technologies developed to create this cell hold great promise for application in so many critical areas. Throughout the course of this work, the team contemplated, discussed, and engaged in outside review of the ethical and societal implications of their work.



Negatively stained transmission electron micrographs of dividing M. mycoides JCVI-syn1. Freshly fixed cells were stained using 1% uranyl acetate on pure carbon substrate visualized using JEOL 1200EX transmission electron microscope at 80 keV. Electron micrographs were provided by Tom Deerinck and Mark Ellisman of the National Center for Microscopy and Imaging Research at the University of California at San Diego.

View High Resolution JPEG.

The ability to routinely write the software of life will usher in a new era in science, and with it, new products and applications such as advanced biofuels, clean water technology, and new vaccines and medicines. The field is already having an impact in some of these areas and will continue to do so as

Exhibit 31.1

MYCOPLASMA

THE LINKING PATHOGEN IN NEUROSYSTEMIC DISEASES

Several strains of mycoplasma have been "engineered" to become more dangerous.

They are now being blamed for AIDS, cancer, CFS, MS, CJD and other neurosystemic diseases.

by Donald W. Scott, MA, MSc © 2001

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I – PATHOGENIC MYCOPLASMA
A Common Disease Agent Weaponised

There are 200 species of *Mycoplasma*. Most are innocuous and do no harm; only four or five are pathogenic. *Mycoplasma fermentans* (*incognitus* strain) probably comes from the nucleus of the *Brucella* bacterium. This disease agent is not a bacterium and not a virus; it is a mutated form of the *Brucella* bacterium, combined with a visna virus, from which the mycoplasma is extracted.

The pathogenic *Mycoplasma* used to be very innocuous, but biological warfare research conducted between 1942 and the present time has resulted in the creation of more deadly and infectious forms of *Mycoplasma*. Researchers extracted this mycoplasma from the *Brucella* bacterium and actually reduced the disease to a crystalline form. They "weaponised" it and tested it on an unsuspecting public in North America.

Dr Maurice Hilleman, chief virologist for the pharmaceutical company Merck Sharp & Dohme, stated that this disease agent is now carried by everybody in North America and possibly most people throughout the world.

Despite reporting flaws, there has clearly been an increased incidence of *all* the neuro/systemic degenerative diseases since World War II and especially since the 1970s with the arrival of previously unheard-of diseases like chronic fatigue syndrome and AIDS.

According to Dr Shyh-Ching Lo, senior researcher at The Armed Forces Institute of Pathology and one of America's top mycoplasma researchers, this disease agent causes many illnesses including AIDS, cancer, chronic fatigue syndrome, Crohn's colitis, Type I diabetes, multiple sclerosis, Parkinson's disease, Wegener's disease and collagen-vascular diseases such as rheumatoid arthritis and Alzheimer's.

Dr Charles Engel, who is with the US National Institutes of Health, Bethesda, Maryland, stated the following at an NIH meeting on February 7, 2000: "I am now of the view that the probable cause of chronic fatigue syndrome and fibromyalgia is the mycoplasma..."

I have all the official documents to prove that mycoplasma is the disease agent in chronic fatigue syndrome/fibromyalgia as well as in AIDS, multiple sclerosis and many other illnesses. Of these, 80% are US or Canadian official government documents, and 20% are articles from peer-reviewed journals such as the *Journal of the American Medical Association*, *New England Journal of Medicine* and the *Canadian Medical Association Journal*. The journal articles and government documents complement each other.

How the Mycoplasma Works

The mycoplasma acts by entering into the individual cells of the body, depending upon your genetic predisposition.

You may develop neurological diseases if the pathogen destroys certain cells in your brain, or you may develop Crohn's colitis if the pathogen invades and destroys cells in the lower bowel.

Once the mycoplasma gets into the cell, it can lie there doing nothing sometimes for 10, 20 or 30 years, but if a trauma occurs like an accident or a vaccination that doesn't take, the mycoplasma can become triggered.

Because it is only the DNA particle of the bacterium, it doesn't have any organelles to process its own nutrients, so it grows by uptaking pre-formed sterols from its host cell and

Exhibit 31.2

it literally kills the cell; the cell ruptures and what is left gets dumped into the bloodstream.

II – CREATION OF THE MYCOPLASMA
A Laboratory-Made Disease Agent

Many doctors don't know about this mycoplasma disease agent because it was developed by the US military in biological warfare experimentation and it was not made public. This pathogen was patented by the United States military and Dr Shyh-Ching Lo. I have a copy of the documented patent from the US Patent Office.[1]

All the countries at war were experimenting with biological weapons. In 1942, the governments of the United States, Canada and Britain entered into a secret agreement to create two types of biological weapons (one that would kill, and one that was disabling) for use in the war against Germany and Japan, who were also developing biological weapons. While they researched a number of disease pathogens, they primarily focused on the *Brucella* bacterium and began to weaponise it.

From its inception, the biowarfare program was characterised by continuing in-depth review and participation by the most eminent scientists, medical consultants, industrial experts and government officials, and it was classified Top Secret.

The US Public Health Service also closely followed the progress of biological warfare research and development from the very start of the program, and the Centers for Disease Control (CDC) and the National Institutes of Health (NIH) in the United States were working with the military in weaponising these diseases. These are diseases that have existed for thousands of years, but they have been weaponised—which means they've been made more contagious and more effective. And they are spreading.

The Special Virus Cancer Program, created by the CIA and NIH to develop a deadly pathogen for which humanity had no natural immunity (AIDS), was disguised as a war on cancer but was actually part of *MKNAOMI*.[2] Many members of the Senate and House of Representatives do not know what has been going on. For example, the US Senate Committee on Government Reform had searched the archives in Washington and other places for the document titled "The Special Virus Cancer Program: Progress Report No. 8", and couldn't find it. Somehow they heard I had it, called me and asked me to mail it to them. Imagine: a retired schoolteacher being called by the United States Senate and asked for one of their secret documents! The US Senate, through the Government Reform Committee, is trying to stop this type of government research.

Many doctors don't know about this mycoplasma disease agent because it was developed by the US military in biological warfare experimentation and it was not made public.

Crystalline *Brucella*

The title page of a genuine US Senate Study, declassified on February 24, 1977, shows that George Merck, of the pharmaceutical company, Merck Sharp & Dohme (which now makes cures for diseases that at one time it created), reported in 1946 to the US Secretary of War that his researchers had managed "for the first time" to "isolate the disease agent in crystalline form".[3]

They had produced a crystalline bacterial toxin extracted from the *Brucella* bacterium. The bacterial toxin could be removed in crystalline form and stored, transported and deployed without deteriorating. It could be delivered by other vectors such as insects, aerosol or the food chain (in nature it is delivered within the bacterium). But the factor that is working in the *Brucella* is the mycoplasma.

Brucella is a disease agent that doesn't kill people; it disables them. But, according to Dr Donald MacArthur of the Pentagon, appearing before a congressional committee in 1969,[4] researchers found that if they had mycoplasma at a certain strength—actually, 10 to the 10th power (10^{10})—it would develop into AIDS, and the person would die from it within a reasonable period of time because it could bypass the natural human defences. If the strength was 10^8, the person would manifest with chronic fatigue syndrome or fibromyalgia. If it was 10^7, they would present as wasting; they wouldn't die and they wouldn't be disabled, but they would not be very interested in life; they would waste away.

Most of us have never heard of the disease brucellosis because it largely disappeared when they began pasteurising milk, which was the carrier. One salt shaker of the pure disease agent in a crystalline form could sicken the entire population of Canada. It is absolutely deadly, not so much in terms of killing the body but *disabling* it.

Because the crystalline disease agent goes into solution in the blood, ordinary blood and tissue tests will not reveal its presence. The mycoplasma will only crystallise at 8.1 pH, and the blood has a pH of 7.4 pH. So the doctor thinks your complaint is "all in your head".

Crystalline *Brucella* and Multiple Sclerosis

In 1998 in Rochester, New York, I met a former military man, PFC Donald Bentley, who gave me a document and told me: "I was in the US Army, and I was trained in bacteriological warfare. We were handling a bomb filled with brucellosis, only it wasn't brucellosis; it was a *Brucella* toxin in crystalline form. We were spraying it on the Chinese and North Koreans."

He showed me his certificate listing his training in chemical, biological and radiological warfare. Then he showed me 16 pages of documents given to him by the US military when he was discharged from the service. They linked brucellosis with multiple sclerosis, and stated in one section: "Veterans with multiple sclerosis, a kind of creeping paralysis developing to a degree of 10% or more disability within two years after separation from active service, may be presumed to be service-connected for disability compensation. Compensation is payable to eligible veterans whose disabilities are due to service." In other words: "If you become ill with multiple sclerosis, it is because you were handling this *Brucella*, and we will give you a pension. Don't go raising any fuss about it." In these documents, the government of the United States revealed evidence of the cause of multiple sclerosis, but they didn't make it known to the public—or to your doctor.

In a 1949 report, Drs Kyger and Haden suggested "the possibili-

Exhibit 31.3

ty that multiple sclerosis might be a central nervous system manifestation of chronic brucellosis". Testing approximately 113 MS patients, they found that almost 95% also tested positive for *Brucella*.[5] We have a document from a medical journal, which concludes that one out of 500 people who had brucellosis would develop what they call neurobrucellosis; in other words, brucellosis in the brain, where the *Brucella* settles in the lateral ventricles—where the disease multiple sclerosis is basically located.[6]

Contamination of Camp Detrick Lab Workers

A 1948 *New England Journal of Medicine* report titled "Acute Brucellosis Among Laboratory Workers" shows us how actively dangerous this agent is.[7] The laboratory workers were from Camp Detrick, Frederick, Maryland, where they were developing biological weapons. Even though these workers had been vaccinated, wore rubberised suits and masks and worked through holes in the compartment, many of them came down with this awful disease because it is so absolutely and terrifyingly infectious.

The article was written by Lt Calderone Howell, Marine Corps, Captain Edward Miller, Marine Corps, Lt Emily Kelly, United States Naval Reserve, and Captain Henry Bookman. They were all military personnel engaged in making the disease agent *Brucella* into a more effective biological weapon.

III – COVERT TESTING OF MYCOPLASMA

Testing the Dispersal Methods

Documented evidence proves that the biological weapons they were developing were tested on the public in various communities without their knowledge or consent.

The government knew that crystalline *Brucella* would cause disease in humans. Now they needed to determine how it would spread and the best way to disperse it. They tested dispersal methods for *Brucella suis* and *Brucella melitensis* at Dugway Proving Ground, Utah, in June and September 1952. Probably, 100% of us now are infected with *Brucella suis* and *Brucella melitensis*.[8]

Documented evidence proves that the biological weapons they were developing were tested on the public in various communities without their knowledge or consent.

Another government document recommended the genesis of open-air vulnerability tests and covert research and development programs to be conducted by the Army and supported by the Central Intelligence Agency.

At that time, the Government of Canada was asked by the US Government to cooperate in testing weaponised *Brucella*, and Canada cooperated fully with the United States. The US Government wanted to determine whether mosquitoes would carry the disease and also if the air would carry it. A government report stated that "open-air testing of infectious biological agents is considered essential to an ultimate understanding of biological warfare potentialities because of the many unknown factors affecting the degradation of micro-organisms in the atmosphere".[9]

Testing via Mosquito Vector in Punta Gorda, Florida

A report from *The New England Journal of Medicine* reveals that one of the first outbreaks of chronic fatigue syndrome was in Punta Gorda, Florida, back in 1957.[10] It was a strange coincidence that a week before these people came down with chronic fatigue syndrome, there was a huge influx of mosquitoes.

The National Institutes of Health claimed that the mosquitoes came from a forest fire 30 miles away. The truth is that those mosquitoes were infected in Canada by Dr Guilford B. Reed at Queen's University. They were bred in Belleville, Ontario, and taken down to Punta Gorda and released there.

Within a week, the first five cases ever of chronic fatigue syndrome were reported to the local clinic in Punta Gorda. The cases kept coming until finally 450 people were ill with the disease.

Testing via Mosquito Vector in Ontario

The Government of Canada had established the Dominion Parasite Laboratory in Belleville, Ontario, where it raised 100 million mosquitoes a month. These were shipped to Queen's University and certain other facilities to be infected with this crystalline disease agent. The mosquitoes were then let loose in certain communities in the middle of the night, so that the researchers could determine how many people would become ill with chronic fatigue syndrome or fibromyalgia, which was the first disease to show.

One of the communities they tested it on was the St Lawrence Seaway valley, all the way from Kingston to Cornwall, in 1984. They let out hundreds of millions of infected mosquitoes. Over 700 people in the next four or five weeks developed myalgic encephalomyelitis, or chronic fatigue syndrome.

IV – COVERT TESTING OF OTHER DISEASE AGENTS

Mad Cow Disease/Kuru/CJD in the Fore Tribe

Before and during World War II, at the infamous Camp 731 in Manchuria, the Japanese military contaminated prisoners of war with certain disease agents.

They also established a research camp in New Guinea in 1942. There they experimented upon the Fore Indian tribe and inoculated them with a minced-up version of the brains of diseased sheep containing the visna virus which causes "mad cow disease" or Creutzfeldt–Jakob disease.

About five or six years later, after the Japanese had been driven out, the poor people of the Fore tribe developed what they called *kuru*, which was their word for "wasting", and they began to shake, lose their appetites and die. The autopsies revealed that their brains had literally turned to mush. They had contracted "mad cow disease" from the Japanese experiments.

When World War II ended, Dr Ishii Shiro—the medical doctor who was commissioned as a General in the Japanese Army so he could take command of Japan's biological warfare development, testing and deployment—was captured. He was given the choice of a job with the United States Army or execution as a war criminal. Not surprisingly, Dr Ishii Shiro chose to work with the US military to demonstrate how the Japanese had created mad cow disease in the Fore Indian tribe.

In 1957, when the disease was beginning to blossom in full among the Fore people, Dr Carleton Gajdusek of the US National Institutes of Health headed to New Guinea to determine how the minced-up brains of the visna-infected sheep affected them. He spent a couple of years there, studying the Fore people, and wrote an extensive report. He won the Nobel Prize for "discovering" kuru disease in the Fore tribe.

Exhibit 31.4

Testing Carcinogens over Winnipeg, Manitoba

In 1953, the US Government asked the Canadian Government if it could test a chemical over the city of Winnipeg. It was a big city with 500,000 people, miles from anywhere. The American military sprayed this carcinogenic chemical in a 1,000%-attenuated form, which they said would be so watered down that nobody would get very sick; however, if people came to clinics with a sniffle, a sore throat or ringing in their ears, the researchers would be able to determine what percentage would have developed cancer if the chemical had been used at full strength.

We located evidence that the Americans had indeed tested this carcinogenic chemical—zinc cadmium sulphide—over Winnipeg in 1953. We wrote to the Government of Canada, explaining that we had solid evidence of the spraying and asking that we be informed as to how high up in the government the request for permission to spray had gone. We did not receive a reply.

Shortly after, the Pentagon held a press conference on May 14, 1997, where they admitted what they had done. Robert Russo, writing for the *Toronto Star*[11] from Washington, DC, reported the Pentagon's admission that in 1953 it had obtained permission from the Canadian Government to fly over the city of Winnipeg and spray out this chemical—which sifted down on kids going to school, housewives hanging out their laundry and people going to work. US Army planes and trucks released the chemical 36 times between July and August 1953. The Pentagon got its statistics, which indicated that if the chemical released had been full strength, approximately a third of the population of Winnipeg would have developed cancers over the next five years.

The AIDS pathogen was created out of a *Brucella* bacterium mutated with a visna virus; then the toxin was removed as a DNA particle called a mycoplasma.

One professor, Dr Hugh Fudenberg, MD, twice nominated for the Nobel Prize, wrote a magazine article stating that the Pentagon came clean on this because two researchers in Sudbury, Ontario—Don Scott and his son, Bill Scott—had been revealing this to the public. However, the legwork was done by other researchers!

The US Army actually conducted a series of simulated germ warfare tests over Winnipeg. The Pentagon lied about the tests to the mayor, saying that they were testing a chemical fog over the city, which would protect Winnipeg in the event of a nuclear attack.

A report commissioned by US Congress, chaired by Dr Rogene Henderson, lists 32 American towns and cities used as test sites as well.

V – *BRUCELLA* MYCOPLASMA AND DISEASE

AIDS

The AIDS pathogen was created out of a *Brucella* bacterium mutated with a visna virus; then the toxin was removed as a DNA particle called a mycoplasma. They used the same mycoplasma to develop disabling diseases like MS, Crohn's colitis, Lyme disease, etc.

In the previously mentioned US congressional document of a meeting held on June 9, 1969,[12] the Pentagon delivered a report to Congress about biological weapons. The Pentagon stated: "We are continuing to develop disabling weapons." Dr MacArthur, who was in charge of the research, said: "We are developing a new lethal weapon, a synthetic biological agent that does not naturally exist, and for which no natural immunity could have been acquired."

Think about it. If you have a deficiency of acquired immunity, you have an acquired immunity deficiency. Plain as that. AIDS.

In laboratories throughout the United States and in a certain number in Canada including at the University of Alberta, the US Government provided the leadership for the development of AIDS for the purpose of population control. After the scientists had perfected it, the government sent medical teams from the Centers for Disease Control—under the direction of Dr Donald A. Henderson, their investigator into the 1957 chronic fatigue epidemic in Punta Gorda—during 1969 to 1971 to Africa and some countries such as India, Nepal and Pakistan where they thought the population was becoming too large.[13] They gave them all a free vaccination against smallpox; but five years after receiving this vaccination, 60% of those inoculated were suffering from AIDS. They tried to blame it on a monkey, which is nonsense.

A professor at the University of Arkansas made the claim that while studying the tissues of a dead chimpanzee she found traces of HIV. The chimpanzee that she had tested was born in the United States 23 years earlier. It had lived its entire life in a US military laboratory where it was used as an experimental animal in the development of these diseases. When it died, its body was shipped to a storage place where it was deep-frozen and stored in case they wanted to analyse it later. Then they decided that they didn't have enough space for it, so they said, "Anybody want this dead chimpanzee?" and this researcher from Arkansas said: "Yes. Send it down to the University of Arkansas. We are happy to get anything that we can get." They shipped it down and she found HIV in it. That virus was acquired by that chimpanzee in the laboratories where it was tested.[14]

Chronic Fatigue Syndrome/ Myalgic Encephalomyelitis

Chronic fatigue syndrome is more accurately called myalgic encephalomyelitis. The chronic fatigue syndrome nomenclature was given by the US National Institutes of Health because it wanted to downgrade and belittle the disease.

An MRI scan of the brain of a teenage girl with chronic fatigue syndrome displayed a great many scars or punctate lesions in the left frontal lobe area where portions of the brain had literally dissolved and been replaced by scar tissue. This caused cognitive impairment, memory impairment, etc. And what was the cause of the scarring? The mycoplasma. So there is very concrete physical evidence of these tragic diseases, even though doctors continue to say they don't know where it comes from or what they can do about it.

Many people with chronic fatigue syndrome, myalgic encephalo-myelitis and fibromyalgia who apply to the Canada Pensions Plan Review Tribunal will be turned down because they cannot prove that they are ill. During 1999 I conducted several appeals to Canada Pensions and the Workers Compensation Board (WCB, now the Workplace Safety and Insurance Board) on behalf of people who have been turned down. I provided documented evidence of these illnesses, and these people were all granted their pensions on the basis of the evidence that I provided.

In March 1999, for example, I appealed to the WCB on behalf

Exhibit 31.5

of a lady with fibromyalgia who had been denied her pension back in 1993. The vice-chairman of the board came to Sudbury to hear the appeal, and I showed him a number of documents which proved that this lady was physically ill with fibromyalgia. It was a disease that caused physical damage, and the disease agent was a mycoplasma. The guy listened for three hours, and then he said to me: "Mr Scott, how is it I have never heard of any of this before? I said: "We brought a top authority in this area into Sudbury to speak on this subject and not a single solitary doctor came to that presentation."

VI – TESTING FOR MYCOPLASMA IN YOUR BODY

Polymerase Chain Reaction Test

Information is not generally available about this agent because, first of all, the mycoplasma is such a minutely small disease agent. A hundred years ago, certain medical theoreticians conceived that there must be a form of disease agent smaller than bacteria and viruses. This pathogenic organism, the mycoplasma, is so minute that normal blood and tissue tests will not reveal its presence as the source of the disease.

Your doctor may diagnose you with Alzheimer's disease, and he will say: "Golly, we don't know where Alzheimer's comes from. All we know is that your brain begins to deteriorate, cells rupture, the myelin sheath around the nerves dissolves, and so on." Or if you have chronic fatigue syndrome, the doctor will not be able to find any cause for your illness with ordinary blood and tissue tests.

This mycoplasma couldn't be detected until about 30 years ago when the polymerase chain reaction (PCR) test was developed, in which a sample of your blood is examined and damaged particles are removed and subjected to a polymerase chain reaction. This causes the DNA in the particles to break down. The particles are then placed in a nutrient, which causes the DNA to grow back into its original form. If enough of the substance is produced, the form can be recognised, so it can be determined whether *Brucella* or another kind of agent is behind that particular mycoplasma.

This pathogenic organism, the mycoplasma, is so minute that normal blood and tissue tests will not reveal its presence as the source of the disease.

Blood Test

If you or anybody in your family has myalgic encephalomyelitis, fibromyalgia, multiple sclerosis or Alzheimer's, you can send a blood sample to Dr Les Simpson in New Zealand for testing.

If you are ill with these diseases, your red blood cells will not be normal doughnut-shaped blood cells capable of being compressed and squeezed through the capillaries, but will swell up like cherry-filled doughnuts which cannot be compressed. The blood cells become enlarged and distended because the only way the mycoplasma can exist is by uptaking pre-formed sterols from the host cell. One of the best sources of pre-formed sterols is cholesterol, and cholesterol is what gives your blood cells flexibility. If the cholesterol is taken out by the mycoplasma, the red blood cell swells up and doesn't go through, and the person begins to feel all the aches and pains and all the damage it causes to the brain, the heart, the stomach, the feet and the whole body because blood and oxygen are cut off.

And that is why people with fibromyalgia and chronic fatigue syndrome have such a terrible time. When the blood is cut off from the brain, punctate lesions appear because those parts of the brain die. The mycoplasma will get into portions of the heart muscle, especially the left ventricle, and those cells will die. Certain people have cells in the lateral ventricles of the brain that have a genetic predisposition to admit the mycoplasma, and this causes the lateral ventricles to deteriorate and die. This leads to multiple sclerosis, which will progress until these people are totally disabled; frequently, they die prematurely. The mycoplasma will get into the lower bowel, parts of which will die, thus causing colitis. All of these diseases are caused by the degenerating properties of the mycoplasma.

In early 2000, a gentleman in Sudbury phoned me and told me he had fibromyalgia. He applied for a pension and was turned down because his doctor said it was all in his head and there was no external evidence. I gave him the proper form and a vial, and he sent his blood to Dr Simpson to be tested. He did this with his family doctor's approval, and the results from Dr Simpson showed that only 4% of his red blood cells were functioning normally and carrying the appropriate amount of oxygen to his poor body, whereas 83% were distended, enlarged and hardened, and wouldn't go through the capillaries without an awful lot of pressure and trouble. This is the physical evidence of the damage that is done.

ECG Test

You can also ask your doctor to give you a 24-hour Holter ECG. You know, of course, that an electrocardiogram is a measure of your heartbeat and shows what is going on in the right ventricle, the left ventricle and so on. Tests show that 100% of patients with chronic fatigue syndrome and fibromyalgia have an irregular heartbeat. At various periods during the 24 hours, the heart, instead of working happily away going "bump-BUMP, bump-BUMP", every now and again goes "buhbuhbuhbuhbuhbuhbuhbuhbuh". The T-wave (the waves are called P, Q, R, S and T) is normally a peak, and then the wave levels off and starts with the P-wave again. In chronic fatigue and fibromyalgia patients, the T-wave flattens off, or actually inverts. That means the blood in the left ventricle is not being squeezed up through the aorta and around through the body.

My client from Sudbury had this test done and, lo and behold, the results stated: "The shape of T and S-T suggests left ventricle strain pattern, although voltage and so on is normal." The doctor had no clue as to why the T-wave was not working properly. I analysed the report of this patient who had been turned down by Canada Pensions and sent it back to them. They wrote back, saying: "It looks like we may have made a mistake. We are going to give you a hearing and you can explain this to us in more detail."

So it is not all in your imagination. There is actual physical damage to the heart. The left ventricle muscles do show scarring.

Exhibit 31.6

That is why many people are diagnosed with a heart condition when they first develop fibromyalgia, but it's only one of several problems because the mycoplasma can do all kinds of damage.

Blood Volume Test

You can also ask your doctor for a blood volume test. Every human being requires a certain amount of blood per pound of body weight, and it has been observed that people with fibromyalgia, chronic fatigue syndrome, multiple sclerosis and other illnesses do not have the normal blood volume their body needs to function properly. Doctors aren't normally aware of this.

This test measures the amount of blood in the human body by taking out 5 cc, putting a tracer in it and then putting it back into the body. One hour later, take out 5 cc again and look for the tracer. The thicker the blood and the lower the blood volume, the more tracer you will find.

The analysis of one of my clients stated: "This patient was referred for red cell mass study. The red cell volume is 16.9 ml per kg of body weight. The normal range is 25 to 35 ml per kg. This guy has 36% less blood in his body than the body needs to function." And the doctor hadn't even known the test existed.

If you lost 36% of your blood in an accident, do you think your doctor would tell you that you are alright and should just take up line dancing and get over it? They would rush you to the nearest hospital and start transfusing you with blood. These tragic people with these awful diseases are functioning with anywhere from 7% to 50% less blood than their body needs to function.

And if the mycoplasma growth can be stopped for long enough, then the immune system takes over.

VII – UNDOING THE DAMAGE

The body undoes the damage itself. The scarring in the brain of people with chronic fatigue and fibromyalgia will be repaired. There is cellular repair going on all the time. But the mycoplasma has moved on to the next cell.

In the early stages of a disease, doxycycline may reverse that disease process. It is one of the tetracycline antibiotics, but it is not bactericidal; it is bacteriostatic—it stops the growth of the mycoplasma. And if the mycoplasma growth can be stopped for long enough, then the immune system takes over.

Doxycycline treatment is discussed in a paper by mycoplasma expert Professor Garth Nicholson, PhD, of the Institute for Molecular Medicine.[15] Dr Nicholson is involved in a US$8-million mycoplasma research program funded by the US military and headed by Dr Charles Engel of the NIH. The program is studying Gulf War veterans, 450 of them, because there is evidence to suggest that Gulf War syndrome is another illness (or set of illnesses) caused by mycoplasma. ∞

Endnotes

1. "Pathogenic Mycoplasma", US Patent No. 5,242,820, issued September 7, 1993. Dr Lo is listed as the "Inventor" and the American Registry of Pathology, Washington, DC, is listed as the "Assignee".
2. "Special Virus Cancer Program: Progress Report No. 8", prepared by the National Cancer Institute, Viral Oncology, Etiology Area, July 1971, submitted to NIH Annual Report in May 1971 and updated July 1971.
3. US Senate, Ninety-fifth Congress, Hearings before the Subcommittee on Health and Scientific Research of the Committee on Human Resources, Biological Testing Involving Human Subjects by the Department of Defense, 1977; released as *US Army Activities in the US Biological Warfare Programs, Volumes One and Two*, 24 February 1977.
4. Dr Donald MacArthur, Pentagon, Department of Defense Appropriations for 1970, Hearings before Subcommittee of the Committee on Appropriations, House of Representatives, Ninety-First Congress, First Session, Monday June 9, 1969, pp 105–144, esp. pp. 114, 129.
5. Kyger, E. R. and Russell L. Haden, "Brucellosis and Multiple Sclerosis", *The American Journal of Medical Sciences* 1949:689-693.
6. Colmonero et al., "Complications Associated with *Brucella melitensis* Infection: A Study of 530 Cases", *Medicine* 1996;75(4).
7. Howell, Miller, Kelly and Bookman, "Acute Brucellosis Among Laboratory Workers", *New England Journal of Medicine* 1948;236:741.
8. "Special Virus Cancer Program: Progress Report No. 8", ibid., table 4, p. 135.
9. US Senate, Hearings before the Subcommittee on Health and Scientific Research of the Committee on Human Resources, March 8 and May 23, 1977, ibid.
10. *New England Journal of Medicine*, August 22, 1957, p. 362.
11. *Toronto Star*, May 15, 1997.
12. Dr Donald MacArthur, Pentagon, Department of Defense Appropriations for 1970, Hearings, Monday June 9, 1969, ibid., p. 129.
13. Henderson, Donald A., "Smallpox: Epitaph for a Killer", *National Geographic*, December 1978, p. 804.
14. Blum, Deborah, *The Monkey Wars*, Oxford University Press, New York, 1994.
15. Nicholson, G. L., "Doxycycline treatment and *Desert Storm*", *JAMA* 1995;273:618-619.

Recommended Reading

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- Johnson, Hillary, *Osler's Web*, Crown Publishers, New York, 1996.
- Scott, Donald W. and William L. C. Scott, *The Brucellosis Triangle*, The Chelmsford Publishers (Box 133, Stat. B., Sudbury, Ontario P3E 4N5), Canada, 1998 (US$21.95 + $3 s&h in US).
- Scott, Donald W. and William L. C. Scott, *The Extremely Unfortunate Skull Valley Incident*, The Chelmsford Publishers, Canada, 1996 (revised, extended edition available from mid-September 2001; US$16.00 pre-pub. price + US$3 s&h in US).
- *The Journal of Degenerative Diseases* (Donald W. Scott, Editor), The Common Cause Medical Research Foundation (Box 133, Stat B., Sudbury, Ontario, P3E 4N5), Canada (quarterly journal; annual subscription: US$25.00 in USA, $30 foreign).

Additional Contacts

- Ms Jennie Burke, Australian Biologics, Level 6, 383 Pitt Street, Sydney NSW 2000, Australia tel +61 (0)2 9283 0807, fax +61 (0)2 9283 0910. Australian Biologics does tests for mycoplasma.
- Consumer Health Organization of Canada, 1220 Sheppard Avenue East #412, Toronto, Ontario, Canada M2K 2S5, tel +1 (416) 490 0986, website www.consumerhealth.org/.
- Professor Garth Nicholson, PhD, Institute for Molecular Medicine, 15162 Triton Lane, Huntington Beach, CA, 92649-1401, USA, tel +1 (714) 903 2900.
- Dr Les Simpson, Red Blood Cell Research Ltd, 31 Bath Street, Dunedin, 9001, New Zealand, tel +64 (0)3 471 8540, email rbc.research.limited@xtra.co.nz. (Note: Dr Simpson directs his study to red cell shape analysis, not the mycoplasma hypothesis.)
- The Mycoplasma Registry for Gulf War Illness, S. & L. Dudley, 303 47th St, J-10 San Diego, CA 92102-5961, tel/fax +1 (619) 266 1116, fax (619) 266 1116, email mycoreg@juno.com.

About the Author:

Donald Scott, MA, MSc, is a retired high school teacher and university professor. He is also a veteran of WWII and was awarded the North Atlantic Star, the Burma Star with Clasp, the 1939–1945 Volunteer Service Medal and the Victory Medal. He is currently President of The Common Cause Medical Research Foundation, a not-for-profit organisation devoted to research into neurosystemic degenerative diseases. He is also Adjunct Professor with the Institute for Molecular Medicine and he produces and edits the *Journal of Degenerative Diseases*. He has extensively researched neurosystemic degenerative diseases over the past five years and has authored many documents on the relationship between degenerative diseases and a pathogenic mycoplasma called *Mycoplasma fermentans*. His research is based upon solid government evidence.

Exhibit 32

Me & Lee

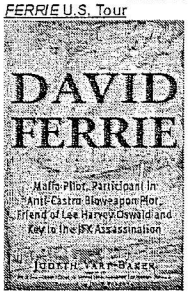
How I came to know, love and lose Lee Harvey Oswald

Judyth Vary Baker was once a promising science student who dreamed of finding a cure for cancer, but strayed from a path of mainstream scholarship at the University of Florida to a life of espionage in New Orleans with Lee Harvey Oswald.

In her memoir, ***Me & Lee – How I came to know, love and lose Lee Harvey Oswald,*** Judyth offers extensive documentation of how she came to be involved with cancer research at such a young age, the personalities who recruited her to move to New Orleans in 1963, how she was hired there – along with Lee Oswald – by Reily Coffee Co. and fired the same afternoon Lee was arrested for disturbing the peace on Canal Street, and how she became a participant in the development of a biological weapon that Oswald was to smuggle into Cuba to eliminate Fidel Castro.

Sample Pages
Sample Photos
Author's Bio
Author's Blog
Contact Us
Buy the Book

Judyth's Oct. 2014 *DAVID FERRIE* U.S. Tour



Judyth shows the evidence and relates – from her first-hand experience – all she knows about the Kennedy assassination, her love affair with Lee Oswald over the summer of '63, her conversations with him as late as two days before JFK's death, his role as a deep-cover intelligence agent who was framed for an assassination he was actually trying to prevent, and how he was silenced by his old friend Jack Ruby.

BUY Me & Lee

Scroll down for more..

Remember to click images to see larger

From the flaps of *Me & Lee* cover dustjacket:

"If you want to stay alive, it's time to go into the catacombs. Promise me you will keep your mouth shut!"

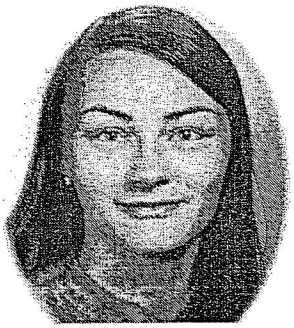
Judyth Vary Baker was only twenty years old when she heard those alarming words. It was the strained voice of David Ferrie.

The date was November 23, 1963, the day after President Kennedy had been fatally shot in Dallas. Her co-worker, friend and lover, Lee Oswald, had been declared the "lone-nut" assassin.

Judyth knew this wasn't true, but what could she do? She was now living in Florida with her new husband, Robert Baker III, having left New Orleans in September of 1963 when Lee moved to Dallas after their summer-long affair.

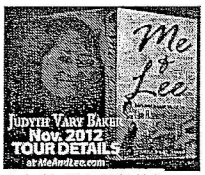
Then came November 24th. Lee was shot — live on television — right before her eyes. Devastated, depressed and scared,

Judyth was told to lay low, to be a "vanilla girl," to trade her silence for her life. She knew things, secret things.



Judyth made a decision. She dropped her childhood dreams of finding a cure for cancer along with her first love: science. Choosing survival, she soon buried herself in her family (raising five kids), her work and art. She resolved that, one day, she would tell her story. She would speak the truth so Lee's children, whom he adored, would know what their father really did and what he really stood for.

As a high school student, Judyth had independently discovered a method of accelerating cancer growth in

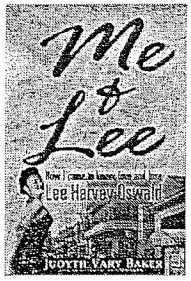


Judyth's Oct. 2014 U.S. Tour Itinerary

Judyth's Media Appearances
Links to interviews, news stories, audio and video by and about Judyth.

HD video slideshow of all the images from Me & Lee
Best viewed at highest definition on a big screen with a big audio system.

Judyth's Visit to Canada
Links to news stories, audio and video about Judyth's 2011 visit to Canada.



You can HELP JUDYTH DIRECTLY with her Medical/Internet /Heating Bills by donating at her blog:

Visit Judyth's Blog...

From: Black's Law Dictionary, Fifth Edition.

Exhibit 32.1

Frank-tenant. A freeholder.

Frank-tenement. In English law, a free tenement, freeholding, or freehold. 2 Bl.Comm. 61, 62, 104. Used to denote both the tenure and the estate.

F.R.A.P. Federal Rules of Appellate Procedure.

Frater /fréydər/. In the civil law, a brother. *Frater consanguineus,* a brother having the same father, but born of a different mother. *Frater uterinus,* a brother born of the same mother, but by a different father. *Frater nutricius,* a bastard brother.

Frater fratri uterino non succedet in hæreditate paterna /fréydər frátray yùwdəráynow nòn səksíydət ìn hərìydətéydiy pətárnə/. A brother shall not succeed a uterine brother in the paternal inheritance. 2 Bl. Comm. 223. A maxim of the common law of England, now superseded.

Fraterla /frətír(i)yə/. In old records, a fraternity, brotherhood, or society of religious persons, who were mutually bound to pray for the good health and life, etc., of their living brethren, and the souls of those that were dead.

Fraternal. Brotherly; relating or belonging to a fraternity or an association of persons formed for mutual aid and benefit, but not for profit. In re Mason Tire & Rubber Co., 56 App.D.C. 170, 11 F.2d 556, 557.

Fraternal benefit association or society. One whose members have adopted the same, or a very similar, calling, avocation, or profession, or who are working in unison to accomplish some worthy object, and who for that reason have banded themselves together as an association or society to aid and assist one another, and to promote the common cause. Alpha Rho Alumni Ass'n v. City of New Brunswick, 126 N.J.L. 233, 18 A.2d 68, 70. An association having a representative form of government and a lodge system with a ritualistic form of work for the meeting of its chapters, or other subordinate bodies. Fain v. Feldman, 191 Ga. 519, 13 S.E.2d 179, 181. A society or voluntary association organized and carried on for the mutual aid and benefit of its members, not for profit; which ordinarily has a lodge system, a ritualistic form of work, and a representative government, makes provision for the payment of death benefits, and (sometimes) for benefits in case of accident, sickness, or old age, the funds therefor being derived from dues paid or assessments levied on the members.

Fraternal insurance. The form of life (or accident) insurance furnished by a fraternal beneficial association, consisting in the payment to a member, or his heirs in case of death, of a stipulated sum of money, out of funds raised for that purpose by the payment of dues or assessments by all the members of the association.

Fraternal lodge. See Fraternal benefit association or society.

Fraternia /frətárn(i)yə/. A fraternity or brotherhood.

Fraternity. A body of men associated for their common interest, business or pleasure. Woman's Club of Little Falls v. Township of Little Falls, 20 N.J.Misc. 278, 26 A.2d 739, 741; Alpha Rho Alumni Ass'n v. City of New Brunswick, 126 N.J.L. 233, 18 A.2d 68, 71.

In American colleges, a student organization, either a nationally chartered society comprising many affiliated chapters or a single chapter in one institution, formed chiefly to promote friendship and welfare among the members, and usually having secret rites and a name consisting of Greek letters. Woman's Club of Little Falls v. Township of Little Falls, 20 N.J.Misc. 278, 26 A.2d 739, 741; Alpha Rho Alumni Ass'n v. City of New Brunswick, 126 N.J.L. 233, 18 A.2d 68, 71.

Fratres conjurati /frátriyz kònjəréyday/. Sworn brothers or companions for the defense of their sovereign, or for other purposes.

Fratres pyes /frátriyz páyz/. In old English law, certain friars who wore white and black garments.

Fratriage /frátriyəj/. A younger brother's inheritance.

Fratricide /frátrəsáyd/. One who has killed a brother or sister; also the killing of a brother or sister.

Fraud. An intentional perversion of truth for the purpose of inducing another in reliance upon it to part with some valuable thing belonging to him or to surrender a legal right. A false representation of a matter of fact, whether by words or by conduct, by false or misleading allegations, or by concealment of that which should have been disclosed, which deceives and is intended to deceive another so that he shall act upon it to his legal injury. Any kind of artifice employed by one person to deceive another. Goldstein v. Equitable Life Assur. Soc. of U. S., 160 Misc. 364, 289 N.Y.S. 1064, 1067. A generic term, embracing all multifarious means which human ingenuity can devise, and which are resorted to by one individual to get advantage over another by false suggestions or by suppression of truth, and includes all surprise, trick, cunning, dissembling, and any unfair way by which another is cheated. Johnson v. McDonald, 170 Okl. 117, 39 P.2d 150. "Bad faith" and "fraud" are synonymous, and also synonyms of dishonesty, infidelity, faithlessness, perfidy, unfairness, etc.

Elements of a cause of action for "fraud" include false representation of a present or past fact made by defendant, action in reliance thereupon by plaintiff, and damage resulting to plaintiff from such misrepresentation. Citizens Standard Life Ins. Co. v. Gilley, Tex.Civ.App., 521 S.W.2d 354, 356.

It consists of some deceitful practice or willful device, resorted to with intent to deprive another of his right, or in some manner to do him an injury. As distinguished from negligence, it is always positive, intentional. It comprises all acts, omissions, and concealments involving a breach of a legal or equitable duty and resulting in damage to another. And includes anything calculated to deceive, whether it be a single act or combination of circumstances, whether the suppression of truth or the suggestion of what is false, whether it be by direct falsehood or by innuendo, by speech or by silence, by word of mouth, or by look or gesture. Fraud, as applied to contracts, is the cause of an error bearing on a material part of the contract, created or continued by artifice, with

Exhibit 33

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(Added Pub. L. 101–647, title XXXVI, §3611, Nov. 29, 1990, 104 Stat. 4933.)

EFFECTIVE DATE

Section 3631 of title XXXVI of Pub. L. 101–647 provided that:

"(a) Except as provided in subsection (b), this Act [probably should be "title", meaning title XXXVI of Pub. L. 101–647, which enacted this chapter and section 2044 of this title, amended sections 550, 1962, 1963, and 2410 of this title, section 523 of Title 11, Bankruptcy, and sections 3142 and 3552 of Title 18, Crimes and Criminal Procedure, and enacted provisions set out as a note under section 1 of this title] and the amendments made by this Act [title] shall take effect 180 days after the date of the enactment of this Act [Nov. 29, 1990].

"(b)(1) The amendments made by title I of this Act [probably should be "subtitle A of this title", meaning subtitle A (§§3611, 3302 [3612]) of title XXXVI of Pub. L. 101–647, which enacted this chapter] shall apply with respect to actions pending on the effective date of this Act [probably should be title XXXVI of Pub. L. 101–647] in any court on—

"(A) a claim for a debt; or

"(B) a judgment for a debt.

"(2) All notices, writs, orders, and judgments in effect in such actions shall continue in effect until superseded or modified in an action under chapter 176 of title 28 of the United States Code, as added by title I of this Act [subtitle A of this title].

"(3) For purposes of this subsection—

"(A) the term 'court' means a Federal, State, or local court, and

"(B) the term 'debt' has the meaning given such term in section and [sic] 3002(3) of such chapter."

§3002. Definitions

As used in this chapter:

(1) "Counsel for the United States" means—

(A) a United States attorney, an assistant United States attorney designated to act on behalf of the United States attorney, or an attorney with the United States Department of Justice or with a Federal agency who has litigation authority; and

(B) any private attorney authorized by contract made in accordance with section 3718 of title 31 to conduct litigation for collection of debts on behalf of the United States.

(2) "Court" means any court created by the Congress of the United States, excluding the United States Tax Court.

(3) "Debt" means—

(A) an amount that is owing to the United States on account of a direct loan, or loan insured or guaranteed, by the United States; or

(B) an amount that is owing to the United States on account of a fee, duty, lease, rent, service, sale of real or personal property, overpayment, fine, assessment, penalty, restitution, damages, interest, tax, bail bond forfeiture, reimbursement, recovery of a cost incurred by the United States, or other source of indebtedness to the United States, but that is not owing under the terms of a contract originally entered into by only persons other than the United States;

and includes any amount owing to the United States for the benefit of an Indian tribe or individual Indian, but excludes any amount to which the United States is entitled under section 3011(a).

(4) "Debtor" means a person who is liable for a debt or against whom there is a claim for a debt.

(5) "Disposable earnings" means that part of earnings remaining after all deductions required by law have been withheld.

(6) "Earnings" means compensation paid or payable for personal services, whether denominated as wages, salary, commission, bonus, or otherwise, and includes periodic payments pursuant to a pension or retirement program.

(7) "Garnishee" means a person (other than the debtor) who has, or is reasonably thought to have, possession, custody, or control of any property in which the debtor has a substantial nonexempt interest, including any obligation due the debtor or to become due the debtor, and against whom a garnishment under section 3104 or 3205 is issued by a court.

(8) "Judgment" means a judgment, order, or decree entered in favor of the United States in a court and arising from a civil or criminal proceeding regarding a debt.

(9) "Nonexempt disposable earnings" means 25 percent of disposable earnings, subject to section 303 of the Consumer Credit Protection Act.

(10) "Person" includes a natural person (including an individual Indian), a corporation, a partnership, an unincorporated association, a trust, or an estate, or any other public or private entity, including a State or local government or an Indian tribe.

(11) "Prejudgment remedy" means the remedy of attachment, receivership, garnishment, or sequestration authorized by this chapter to be granted before judgment on the merits of a claim for a debt.

(12) "Property" includes any present or future interest, whether legal or equitable, in real, personal (including choses in action), or mixed property, tangible or intangible, vested or contingent, wherever located and however held (including community property and property held in trust (including spendthrift and pension trusts)), but excludes—

(A) property held in trust by the United States for the benefit of an Indian tribe or individual Indian; and

(B) Indian lands subject to restrictions against alienation imposed by the United States.

(13) "Security agreement" means an agreement that creates or provides for a lien.

(14) "State" means any of the several States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Marianas, or any territory or possession of the United States.

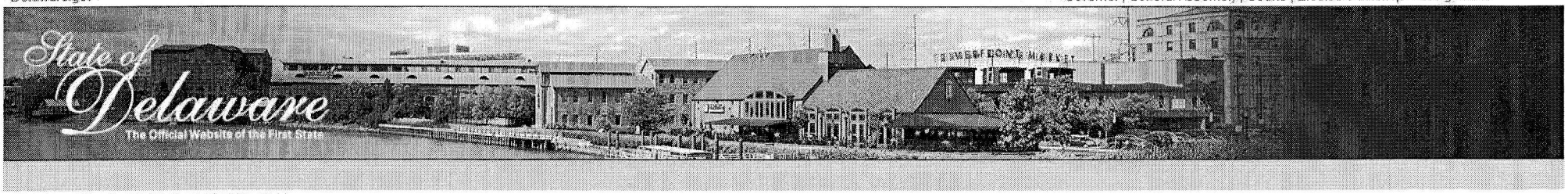
(15) "United States" means—

(A) a Federal corporation;

(B) an agency, department, commission, board, or other entity of the United States; or

(C) an instrumentality of the United States.

(16) "United States marshal" means a United States marshal, a deputy marshal, or an official of the United States Marshals Service designated under section 564.



Department of State: Division of Corporations

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UCC Forms and Fees
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Service of Process
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GetCorporate Status
Submitting a Request
How to Form a New Business Entity
Certifications, Apostilles & Authentication of Documents

Entity Details

THIS IS NOT A STATEMENT OF GOOD STANDING

File Number:	4525682	Incorporation Date / Formation Date:	4/14/2008 (mm/dd/yyyy)
Entity Name:	THE UNITED STATES OF AMERICA, INC.		
Entity Kind:	Corporation	Entity Type:	General
Residency:	Domestic	State:	DELAWARE

REGISTERED AGENT INFORMATION

Name:	SPIEGEL & UTRERA, P.A.		
Address:	9 EAST LOOCKERMAN ST STE 202		
City:	DOVER	County:	Kent
State:	DE	Postal Code:	19901
Phone:	302-744-9800		

Additional Information is available for a fee. You can retrieve Status for a fee of $10.00 or more detailed information including current franchise tax assessment, current filing history and more for a fee of $20.00.

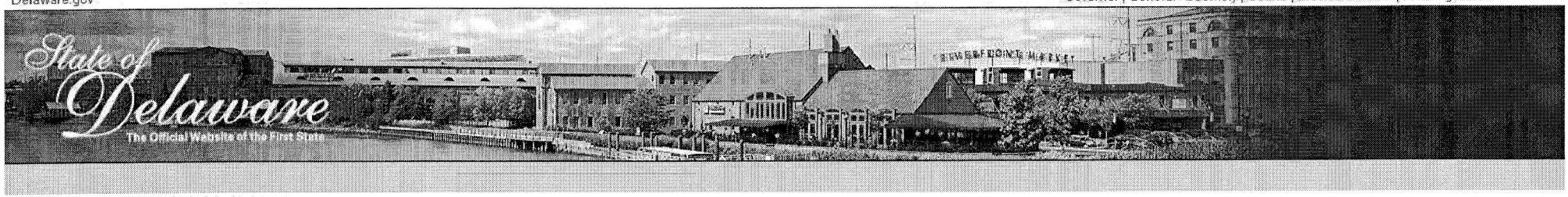
Would you like ◎ Status ◎ Status,Tax & History Information

Submit

View Search Results | New Entity Search

For help on a particular field click on the Field Tag to take you to the help area.

Exhibit 34



Department of State: Division of Corporations

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File UCC's
Delaware Laws Online
Name Reservation
Entity Search
Status
Validate Certificate
Customer Service Survey

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Entity Details

THIS IS NOT A STATEMENT OF GOOD STANDING

File Number:	325720	Incorporation Date / Formation Date:	7/12/1933 (mm/dd/yyyy)
Entity Name:	INTERNAL REVENUE TAX AND AUDIT SERVICE, INC.		
Entity Kind:	Corporation	Entity Type:	General
Residency:	Domestic	State:	DELAWARE

REGISTERED AGENT INFORMATION

Name:	INACTIVE AGENT ACCOUNT		
Address:	SECRETARY OF STATE TOWNSEND BLDG SUITE 4		
City:	DOVER	County:	Kent
State:	DE	Postal Code:	199011234
Phone:	302-739-3138		

Additional Information is available for a fee. You can retrieve Status for a fee of $10.00 or more detailed information including current franchise tax assessment, current filing history and more for a fee of $20.00.

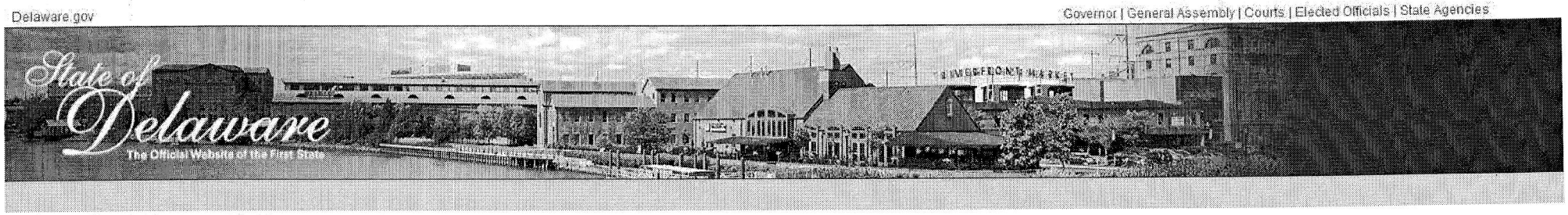
Would you like ○ Status ○ Status,Tax & History Information

Submit

View Search Results New Entity Search

For help on a particular field click on the Field Tag to take you to the help area.

Exhibit 35



Department of State: Division of Corporations

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UCC Forms and Fees
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Expedited Services
Service of Process
Registered Agents
GetCorporate Status
Submitting a Request
How to Form a New Business Entity
Certifications, Apostilles & Authentication of Documents

Entity Details

THIS IS NOT A STATEMENT OF GOOD STANDING

File Number:	2221617	Incorporation Date / Formation Date:	2/8/1990 (mm/dd/yyyy)
Entity Name:	UNITED STATES TREASURY / U.S. TREASURY, INC.		
Entity Kind:	Corporation	Entity Type:	General
Residency:	Domestic	State:	DELAWARE

REGISTERED AGENT INFORMATION

Name:	HARVARD BUSINESS SERVICES, INC.		
Address:	16192 COASTAL HWY		
City:	LEWES	County:	Sussex
State:	DE	Postal Code:	19958
Phone:	302-645-7400		

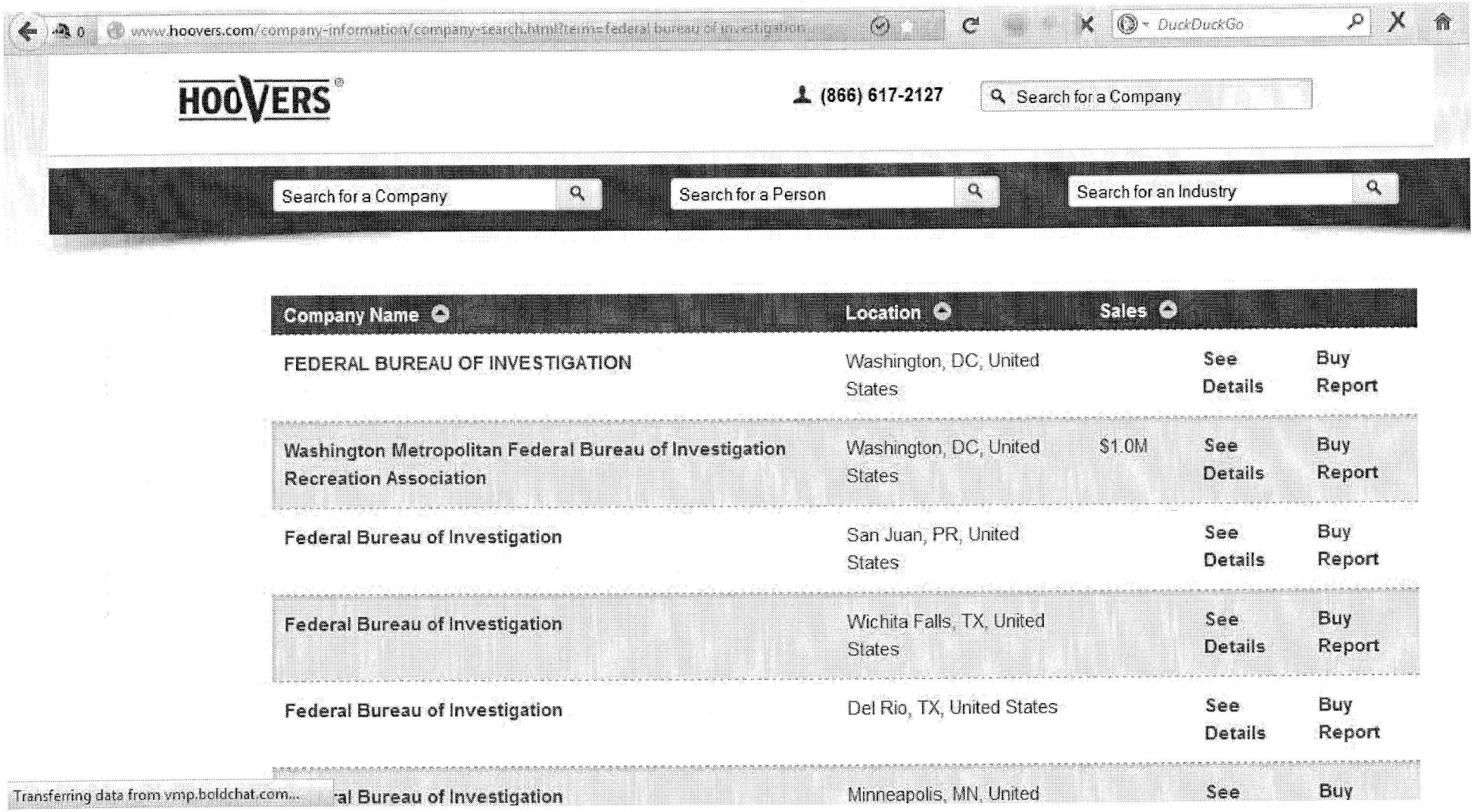
Additional Information is available for a fee. You can retrieve Status for a fee of $10.00 or more detailed information including current franchise tax assessment, current filing history and more for a fee of $20.00.

Would you like ○ Status ○ Status,Tax & History Information

Submit

0

Exhibit 36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al Bureau of Investigation
Minneapolis, MN, United
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Buy

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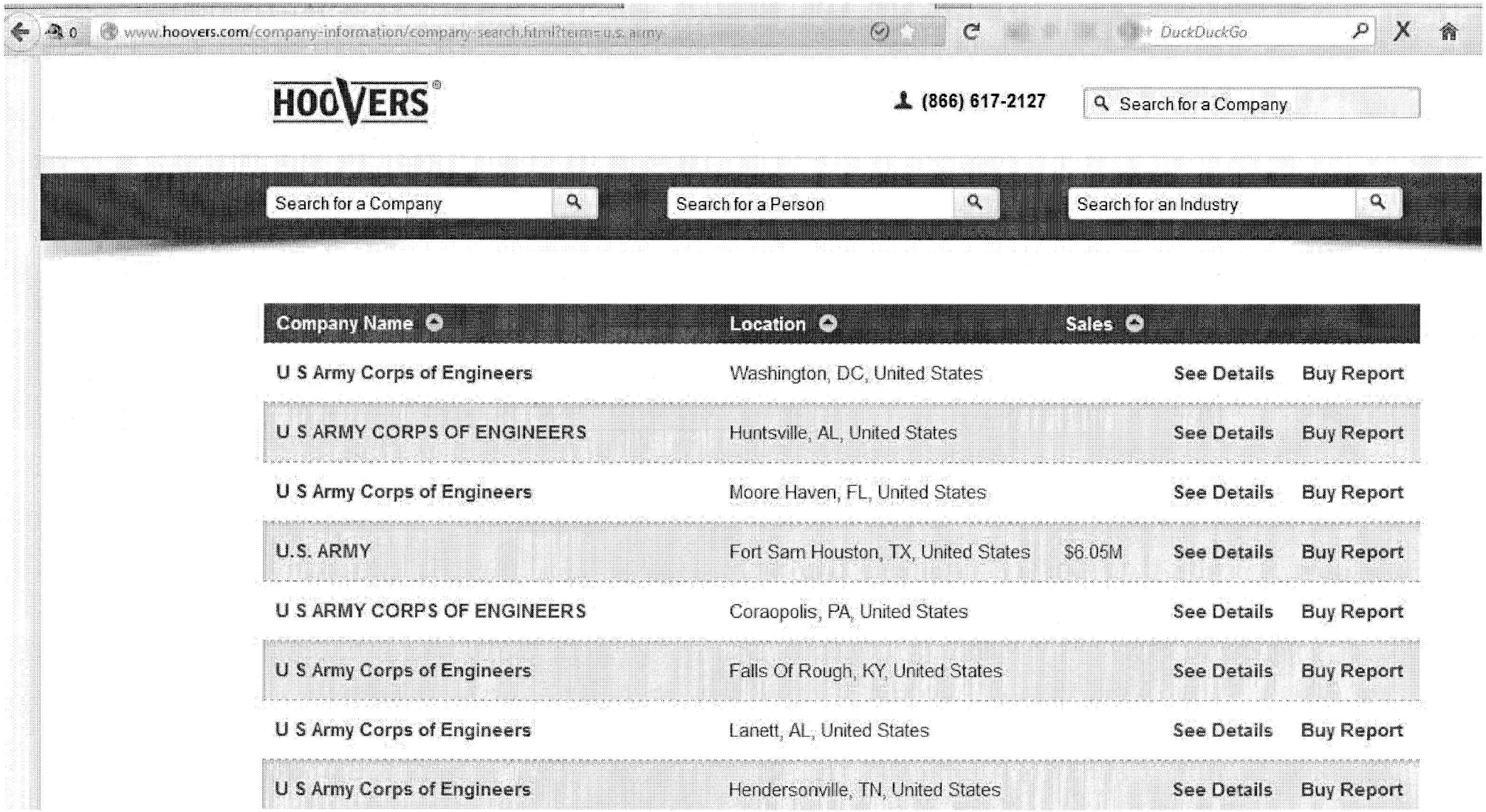
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Fort Sam Houston, TX, United States
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Falls Of Rough, KY, United States
See Details
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U S Army Corps of Engineers
Lanett, AL, United States
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Buy Report
U S Army Corps of Engineers
Hendersonville, TN, United States
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Exhibit 38

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Hoover's Search Results for... **Term:** u.s. marshals

Search for a Company | Search for a Person | Search for an Industry

Company Name	Location	Sales		
U S Marshals Service	Gazcue, Dominican Republic		See Details	Buy Report
U.S. Marshals Museum, Inc.	Fort Smith, AR, United States	$1.19M	See Details	Buy Report
U.S. Marshals Service	Mcallen, TX, United States	$0.05M	See Details	Buy Report
MARSHALS SERVICE, UNITED STATES	Wilmington, DE, United States		See Details	Buy Report
Dept of Justice, United States	Washington, DC, United States		See Details	Buy Report
Federal Law Enforcement Training Center	Brunswick, GA, United States		See Details	Buy Report

Exhibit 39

1-6 of 6

FEDERAL BUREAU OF INVE... | Options
http://www.hoovers.com/company-information/cs/company-profile.federal_bureau_of_investigation.6d0d4a880dfb0e4
Search
United States | 866-473-3932 | CUSTOMER LOGIN
D&B Hoovers
OUR DATA | BUY REPORTS & LISTS | HOW IT WORKS | Search for a Company
COMPANY INFORMATION | INDUSTRY ANALYSIS | SALES LEADS | VIEW ALL PRODUCTS | LEARNING CENTER | ABOUT US

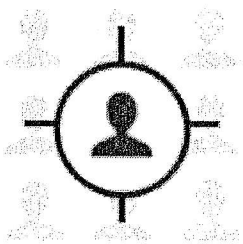
Company Profile

Information For

Sales Preparation
Marketing Contacts
Revenue & Financial

Available Products

Company Report
Surveillance, Investigation & Security Consulting Services Industry Report
Business Services Sector Industry Report
Government Sector Industry Report



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Company Information

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Exhibit 40

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Cestui Que Vie Act 1666

Acts of the English Parliament 1666 c. 11 (Regnal. 18_and_19_Cha_2) Whole Act

Changes over time for: Cestui Que Vie Act 1666

01/02/1991

Changes to legislation: There are currently no known outstanding effects for the Cestui Que Vie Act 1666.

Cestui Que Vie Act 1666

1666 CHAPTER 11 18 and 19 Cha 2

An Act for Redresse of Inconveniencies by want of Proofe of the Deceases of Persons beyond the Seas or absenting themselves, upon whose Lives Estates doe depend.

X1 Recital that Cestui que vies have gone beyond Sea, and that Reversioners cannot find out whether they are alive or dead.

Whereas diverse Lords of Mannours and others have granted Estates by Lease for one or more life or lives, or else for yeares determinable upon one or more life or lives And it hath often happened that such person or persons for whose life or lives such Estates have beene granted have gone beyond the Seas or soe absented themselves for many yeares that the Lessors and Reversioners cannot finde out whether such person or persons be alive or dead by reason whereof such Lessors and Reversioners have beene held out of possession of their Tenements for many yeares after all the lives upon which such Estates depend are dead in regard that the Lessors and Reversioners when they have brought Actions for the recovery of their Tenements have beene putt upon it to prove the death of their Tennants when it is almost impossible for them to discover the same, For remedy of which mischeife soe frequently happening to such Lessors or Reversioners.

Editorial Information

X1 Abbreviations or contractions in the original form of this Act have been expanded into modern lettering in the text set out above and below.

Modifications etc. (not altering text)

C1 Short title "The Cestui que Vie Act 1666" given by Statute Law Revision Act 1948 (c. 62), **Sch. 2**

C2 Preamble omitted in part under authority of Statute Law Revision Act 1948 (c. 62), **Sch. 1**

C3 Certain words of enactment repealed by Statute Law Revision Act 1888 (c. 3) and remainder omitted under authority of Statute Law Revision Act 1948 (c. 62), **s. 3**

[I.]

Exhibit 41.1

Cestui que vie remaining beyond Sea for Seven Years together and no Proof of their Lives, Judge in Action to direct a Verdict as though Cestui que vie were dead.

If such person or persons for whose life or lives such Estates have beene or shall be granted as aforesaid shall remaine beyond the Seas or elsewhere absent themselves in this Realme by the space of seaven yeares together and noe sufficient and evident proofe be made of the lives of such person or persons respectively in any Action commenced for recovery of such Tenements by the Lessors or Reversioners in every such case the person or persons upon whose life or lives such Estate depended shall be accounted as naturally dead, And in every Action brought for the recovery of the said Tenements by the Lessors or Reversioners their Heires or Assignes, the Judges before whom such Action shall be brought shall direct the Jury to give their Verdict as if the person soe remaining beyond the Seas or otherwise absenting himselfe were dead.

II F1

Textual Amendments

F1 S. II repealed by Statute Law Revision Act 1948 (c. 62), Sch. 1

III F2

Textual Amendments

F2 S. III repealed by Statute Law Revision Act 1863 (c. 125)

IV **If the supposed dead Man prove to be alive, then the Title is revested. Action for mean Profits with Interest.**

[X2 Provided alwayes That if any person or [X3 person or] persons shall be evicted out of any Lands or Tenements by vertue of this Act, and afterwards if such person or persons upon whose life or lives such Estate or Estates depend shall returne againe from beyond the Seas, or shall on proofe in any Action to be brought for recovery of the same [X3 to] be made appeare to be liveing; or to have beene liveing at the time of the Eviction That then and from thenceforth the Tennant or Lessee who was outed of the same his or their Executors Administrators or Assignes shall or may reenter repossesse have hold and enjoy the said Lands or Tenements in his or their former Estate for and dureing the Life or Lives or soe long terme as the said person or persons upon whose Life or Lives the said Estate or Estates depend shall be liveing, and alsoe shall upon Action or Actions to be brought by him or them against the Lessors Reversioners or Tennants in possession or other persons respectively which since the time of the said Eviction received the Proffitts of the said Lands or Tenements recover for damages the full Proffitts of the said Lands or Tenements respectively with lawfull Interest for and from the time that he or they were outed of the said Lands or Tenements, and kepte or held out of the same by the said Lessors Reversioners Tennants or other persons who after the said Eviction received the Proffitts of the said Lands or Tenements or any of them respectively as well in the case when the said person or persons upon whose Life or Lives such Estate or Estates did depend are or shall be dead at the time of bringing of the said Action or Actions as if the said person or persons where then liveing.]

Editorial Information

X2 annexed to the Original Act in a separate Schedule

X3 Variant reading of the text noted in *The Statutes of the Realm* as follows: *O.* omits [*O.* refers to a collection in the library of Trinity College, Cambridge]

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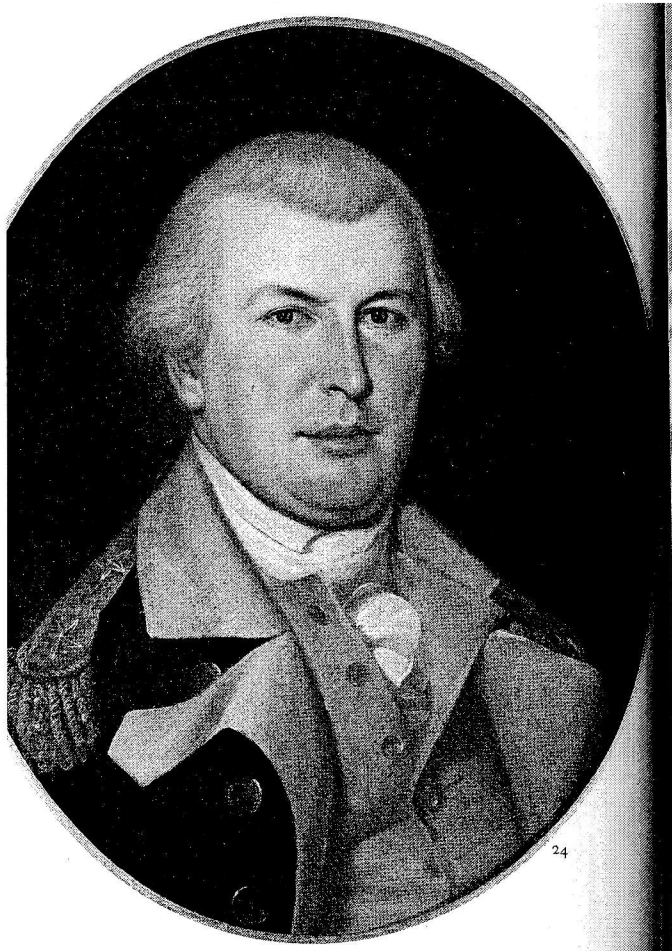
Exhibit 41.2



24

eral Nathanael Greene by Charles Willson Peale. Greene of Rhode Island, a lsome, good-natured Quaker who walked with a limp, knew little of military life r than what he had read in books, when, at thirty-three, he became the youngest udier general in the American army. With experience, he would stand second to Washington. The portrait is one of Peale's "Gallery of Great Men."

Exhibit 43

https://www.bop.gov/inmateloc/

Federal Bureau of Prisons

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Exhibit 44

Find an inmate.

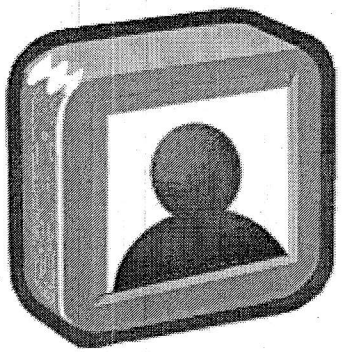
Locate the whereabouts of a federal inmate incarcerated from 1982 to the present. Due to the First Step Act, sentences are being reviewed and recalculated to address pending Good Conduct Time changes. As a result, an inmate's release date may not be up-to-date. Website visitors should continue to check back periodically to see if any changes have occurred.

Find By Number | **Find By Name**

First	Middle	Last	Race	Age	Sex
Bernard		Madoff			

1 Result for search **Bernard Madoff**

Clear Form | Search



BERNARD L MADOFF

Register Number: 61727-054

Age: 81
Race: White
Sex: Male

Located at: Butner FMC

Release Date: 11/14/2139

Related Links

- Facility Information
- Call or email
- Send mail/package
- Send money
- Visit
- Voice a concern

Exhibit 45

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FirstNet to Keep First Responders Connected at Thunder Over Louisville

By AT&T Kentucky on April 09, 2019

Network Enhancements and Portable Cell Sites to Provide Dedicated Service for FirstNet Subscribers at One of the Nation's Largest Annual Fireworks Display and Airshow

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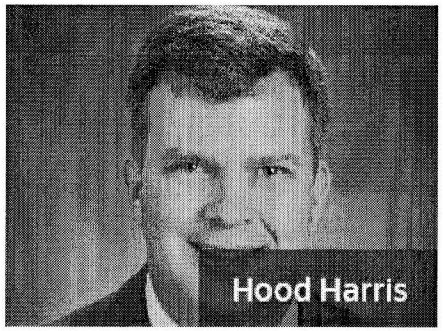

State President — Kentucky

As the president of AT&T Kentucky, Hood Harris works closely with community leaders and state

Exhibit 47.1

Certified Mail Article Number:

IRS A Private For Profit "Foreign Corporation"
IRS Certificate of Incorporation Plus List of Private For Profit "Foreign Corporations"
Public Notice/Public Record

- Neither The For Profit Government (foreign corporation) Nor The [Foreign] Statute Merchant/Agent Has Access To Sovereign Immunity: As a member of a corporation, a government never exercises its sovereignty. It acts merely as a corporator, and exercises no other power in the management of the affairs of the corporation, than are expressly given by the incorporating act. Suits brought by or against it are not understood to be brought by or against the United States. The government, by becoming a corporator, lays down its sovereignty, so far as respects the transaction of the corporation, and exercises no power or privilege which is not derived from the charter.); U.S. v. Georgia-Pacific Co., 421 F.2d 92, 101 (9th Cir. 1970) (Government may also be bound by the doctrine of equitable estoppel if acting in proprietary [for profit nature] rather than sovereign capacity); the "Savings to Suitor Clause" is also available for addressing mercantile and admiralty matters aka "civil process" at the common law and within a state court.

- Government Agent Acting As An [Offshore] Statute Merchant: Whatever the form in which the Government functions, anyone entering into an arrangement with the Government takes the risk of having accurately ascertained that he who purports to act for the Government stays within the bounds of his authority. The scope of this authority may be explicitly defined by Congress or be limited by delegated legislation, properly exercised through the rule-making power. And this is so even though, as here, the agent himself may have been unaware of the limitations upon his authority. See, e.g., Utah Power & Light Co. v. United States, 243 U.S. 389. 409, 391; United States v. Stewart, 311 U.S. 60, 70, 108, and see, generally, In re Floyd Acceptances, 7 Wall. 666);

- Title 8, 22 & 28 USC whereas defined pursuant to: December 26th 1933 49 Statute 3097 Treaty Series 881 (Convention on Rights and Duties of States) stated CONGRESS replaced STATUTES with international law, placing all states under international law.

- Whereas defined pursuant to: December 9th 1945 International Organization Immunities Act relinquished every public office of the United States to the United Nations.

- Whereas defined pursuant to: 22 CFR 92.12-92.31 FR Heading "Foreign Relationship" states that an oath is required to take office.

- Whereas defined pursuant to: Title 8 USC 1481 stated once an oath of office is taken citizenship is relinquished, thus you become a foreign entity, agency, or state. That means every public office is a foreign state, including all political subdivisions. (i.e. every single court and that courts personnel is considered a separate foreign entity)

- Whereas defined pursuant to: Title 22 USC (Foreign Relations and Intercourse) Chapter 11 identifies all public officials as foreign agents. Whereas defined pursuant to: Title 28 USC 3002 Section 15A states that the United States is a Federal Corporation and not a Government, including the Judiciary Procedural Section. Whereas defined pursuant to: Federal Rules of Civil Procedure (FRCP) 4j states that the Court jurisdiction and immunity fall under a foreign State.

- Whereas defined pursuant to: The 11th Amendment states; "The Judicial power of the United States shall not be construed to extend to any suit in law or equity, commenced or prosecuted against one of the United States by Citizens of another State, or by Citizens or Subjects of an Foreign State." (A foreign entity, agency, or state cannot bring any suit against a United States citizen without abiding by the procedure outlined below.)

- Whereas defined pursuant to: Title 22 CFR 93.1-93.2 states that the Department of State has to be notified of any suit, and in turn has to notify the United States citizen of said suit.

Certified Mail Article Number:

Exhibit 47.2

- Whereas defined pursuant to: Title 28 USC 1330 states that the United States District Court has to grant permission for the suit to be pursued once the court has been supplied sufficient proof that the United States citizen is actually a corporate entity. Whereas defined pursuant to: Title 28 USC 1602-1611 (Foreign Sovereign Immunities Act

- FOREIGN SOVEREIGN IMMUNITY ACT defined: subject to existing international agreements to which the U.S. is a party, and to certain statutorily prescribed exceptions, a foreign nation is immune from the jurisdiction of federal and state courts. [28 U.S.C. Sec. 1601-1611] Black's Law Dictionary Sixth Edition (page 1396)

- Whereas defined pursuant to; Immunity of a foreign state from jurisdiction: Subject to existing international agreements to which the United States is a party at the time of enactment of this Act a foreign state shall be immune from the jurisdiction of the courts of the United States and of the States except as provided in sections 1605 to 1607 of this chapter.

- Whereas defined pursuant to: Immunity from attachment and execution of property of a foreign state: Subject to existing international agreements to which the United States is a party at the time of enactment of this Act the property in the United States of a foreign state shall be immune from attachment arrest and execution except as provided in sections 1610 and 1611 of this chapter.

- All Commercial Paper Issued By Corporations Acting As Agents Of "Foreign Principal" Impersonating De Jure (According To Law; By Right.) Office Holders Are "Counterfeit," Copies Are Not Authentic.

Maxim of Common-Law Falsus in uno, falsus in omnibus. False in one thing, false in everything. 1 Sumn. 356.

Whereas defined pursuant to; Possessing counterfeit foreign obligations or securities Current through Pub. L. 113-36. (See Public Laws for the current Congress.) Whoever, within the United States, knowingly and with intent to defraud, possesses or delivers any false, forged, or counterfeit bond, certificate, obligation, security, treasury note, bill, promise to pay, bank note, or bill issued by a bank or corporation of any foreign country, shall be fined under this title or imprisoned not more than 20 years, or both.

TO COUNTERFEIT defined: criminal law. To make something false, in the semblance of that which is true; it always implies a fraudulent intent. Vide Vin. Ab. h.t. Forgery. A Law Dictionary Adapted To The Constitution and Laws of the United States of America and of the Several States of the American Union by John Bouvier Revised Sixth Edition, 1856

Whereas defined pursuant to: Officers and employees acting as agents of foreign principal 18 USC § 219 (a) Whoever, being a public official, is or acts as an agent of a foreign principal required to register under the Foreign Agents Registration Act of 1938, as amended, shall be fined under this title or imprisoned for not more than two years, or both. (b) Nothing in this section shall apply to the employment of any agent of a foreign principal as a special Government employee in any case in which the head of the employing agency certifies that such employment is required in the national interest. A copy of any certification under this paragraph shall be forwarded by the head of such agency to the Attorney General who shall cause the same to be filed with the registration statement and other documents filed by such agent, and made available for public inspection in accordance with section 6 of the Foreign Agents Registration Act of 1938 (22 USCS § 616], as amended. (c) For the purpose of this section "public official" means Member of Congress, Delegate, or Resident Commissioner, either before or after he has qualified, or an officer or employee or person acting for or on behalf of the United States, or any department, agency, or branch of Government thereof, including the District of Columbia, in any official function, under or by authority of any such department, agency, or branch of Government.

Certified Mail Article Number:

Exhibit 47.3

Certified Mail Article Number:

Exhibit 47.4

The Corp. is filed. $20,000 = 200 sh $100 = 10

Certificate of Incorporation

Name

First.—The name of this Corporation shall be .....

.....INTERNAL REVENUE TAX AND AUDIT SERVICE, INC.....

Registered Office.

Second.—Its principal office or place of business in the State of Delaware shall be located at 15-17 Dover Green in the City of Dover, County of Kent, and its resident agent shall be The Capital Trust Company of Delaware.

Objects and Powers.

Third.—The nature of the business and the objects and purposes proposed to be transacted, promoted and carried on, are to do any or all of the things herein set forth, as fully and to the same extent as natural persons might or could do, and in any part of the world, viz:

To own, hold, sell and dispose of the right to the use, and in the sale of a Copyright Book, printed therein, new and improved Forms, for use of business and professional men, and for the purpose of compiling accounting records and figures, and other purposes, from which INCOME TAX RETURNS of any manner, kind, class and description may be prepared in conformity with the Internal Revenue Laws of the United States, and in conformity with any and all Taxing Laws enacted by any of the States, Counties, Municipalities, Cities, Towns, or other taxing divisions or subdivisions. Generally to conduct an Income Tax Accounting and Auditing business, and to act as Income Tax Accountants and Auditors for persons, firms, corporations, syndicates and others, and to make charges for the sale of said Income Tax Accounting Book of Forms, and for such other services as may be rendered.

To examine, audit and certify to the correctness of Corporation reports.

Certified Mail Article Number:

Exhibit 47.5

Liability of Stockholders.

Seventh.—The private property of the stockholders shall not be subject to the payment of corporate debts to any extent whatever.

Powers of Directors.

Eighth.—The Directors shall have power to make and to alter or amend the By-laws; to fix the amount to be reserved as working capital, and to authorize and cause to be executed, mortgages and liens without limit as to amount, upon the property and franchises of this Corporation.

Inspection of Corporate Books.

The By-laws shall determine whether and to what extent the accounts and books of this corporation, or any of them, shall be open to the inspection of the stockholders; and no stockholder shall have any right of inspecting any account, or book, or document, of this Corporation, except as conferred by law or the By-laws, or by resolution of the stockholders or directors.

Meetings.

The stockholders and directors shall have power to hold their meetings and keep the books, documents and papers of the corporation outside of the State of Delaware, at such places as may be from time to time designated by the By-laws or by resolution of the stockholders or directors.

Executive Committee.

The directors shall have power by a resolution passed by a majority vote of the whole Board, under suitable provision of the By-laws, to designate two or more of their number to constitute an Executive Committee, which Committee shall for the time being, as provided in said resolution or in the By-laws, have and exercise any or all the powers of the Board of Directors which may be lawfully delegated in the management of the business and affairs of the Company, and shall have power to authorize the seal of the said Company to be affixed to all papers which may require it.

There shall be no preemptive right in the stockholders of subscribing to any additional issues of any class of stock of this corporation now or hereafter authorized unless hereafter conferred by resolution of the directors.

Amendments.

This Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by the statutes of the State of Delaware, and all rights conferred on officers, directors and stockholders herein are granted subject to this reservation.

It is the intention that each of the objects, purposes and powers specified in all the paragraphs of the Third Section hereof shall be regarded as independent objects, purposes and powers.

We, the Undersigned, for the purpose of forming a Corporation under the laws of the State of Delaware, do make, file and record this Certificate, and do certify that the facts herein stated are true; and we have accordingly hereunto set our respective hands and seals.

Dated at NEW YORK CITY, N.Y.

July 11th, 1933

In presence of

E. Clifton Barton (SEAL)

Helen E'delle Barton (SEAL)

Laurence Echevarria (SEAL)

Must be acknowledged before a Notary Public with seal.

State of Newyork }
County of Newyork } ss:

Be It Remembered, That on this 11th day of July A. D. 1933 personally appeared before me, the subscriber, a Notary Public for the State of Newyork, duly commissioned, E. Clifton Barton Helen E'delle Barton and Laurence Echevarria parties to the foregoing Certificate of Incorporation, known to me personally to be such, and severally acknowledged the said Certificate of Incorporation to be their act and deed, and that the facts therein stated are truly set forth.

Given Under my hand and seal of office the day and year aforesaid.

Notary Public.

Certified Mail Article Number:

Exhibit 47.6

To guarantee, purchase, hold, sell, assign, transfer, mortgage, pledge, or otherwise dispose of the shares of the capital stock of, or any bonds, securities or evidences of indebtedness created by any other corporation or corporations of this State or any other State, country, nation or government, and while owner of said stock may exercise all the rights, powers and privileges of ownership, including the right to vote thereon, to the same extent as natural persons might or could do.

To enter into, make and perform contracts of every kind with any person, firm, association or corporation, municipality, body politic, country, territory, State, government or colony or dependency thereof, and without limit as to amount to draw, make, accept, endorse, discount, execute and issue promissory notes, drafts, bills of exchange, warrants, bonds, debentures, and other negotiable or transferable instruments and evidences of indebtedness whether secured by mortgage or otherwise, as well as to secure the same by mortgage or otherwise.

To conduct business in any of the States, territories, colonies or dependencies of the United States, in the District of Columbia, and in any and all foreign countries, to have one or more offices therein, and therein to hold, purchase, mortgage and convey real and personal property, without limit as to the amount.

To do any or all of the things herein set forth to the same extent as natural persons might or could do and in any part of the world, as principals, agents, contractors, trustees, or otherwise, and either alone or in company with others.

To purchase, hold and reissue any of the shares of its capital stock.

In General to carry on any other business in connection therewith, whether manufacturing or otherwise, not forbidden by the laws of the State of Delaware, and with all the powers conferred upon corporations by the laws of the State of Delaware.

Strike out 1, 2, 3 or 4 if not desired.

Fourth.—The total authorized capital stock of this corporation consists of [1] ~~shares of Common stock without nominal or par value AND~~ [2] Two Hundred (200) shares of Common stock with the par value of One Hundred Dollars ($100.00) each ~~AND~~ [3] ~~shares of Preferred stock with the par value of Dollars ($) each AND [4] shares of Preferred stock without nominal or par value.~~

~~The preferred stock may be issued in one or more series, and the shares of each series shall entitle the holder thereof to receive out of the net earnings, and the Corporation shall be bound to pay dividends at the rate of per centum per annum, payable before any dividend shall be set apart or paid on the common stock; provided, however, that unless such dividends be paid on the preferred stock the directors shall have power~~ in their discretion to declare and pay a dividend ~~so specified~~ on the common stock.

If preferred stock is desired, fill in three blanks. If only common is wanted, leave blank.

~~The holders of preferred stock shall, in case of liquidation or dissolution of the Corporation, before any amount shall be paid to the holders of the general or common stock, be entitled to be paid the amount paid up on their shares and the dividends accumulated and unpaid thereon, but shall not participate in any profits after paying off the whole of the said preferred stock.~~

~~The preferred stock, at the discretion of the Company, shall be subject to redemption at on 19 , or any dividend day thereafter.~~

Strike out if not desired.

~~The holders of preferred stock shall have the right to vote upon all questions coming before the stockholders, and shall be entitled to one vote for each share thereof, and shall vote with the holders of common stock upon all such questions, and not as a class, except as may be otherwise provided by law.~~

Not less than $1000.

This corporation will commence business with a capital of at least One Thousand Dollars.

Incorporators.

Fifth.—The names and places of residence of the incorporators are as follows:

Name	Residence
E. CLIFTON BARTON	NEW YORK, N.Y.
HELEN E. DELK BARTON	NEW YORK, N.Y.
LAWRENCE SCHEVARDIA	NEW YORK, N.Y.

Exhibit 47.8

Certified Mail Article Number:

DUNS Numbers of the Private For Profit "Foreign Corporation" US Corporate Government and Most of Its Major Agencies
United States Government-052714196
US Department of Defense (DOD)-030421397
US Department of the Treasury-026661067
US Department of Justice (DOJ)-011669674
US Department of State-026276622
US Department of Health & Human Services (HHS)-Office of the Secretary-112463521
US Department of Education-944419592
US Department of Energy-932010320
US Department of Homeland Security-932394187
US Department of the Interior-020949010
US Department of Labor-029536183
US Department of Housing & Urban Development (HUD)-Office of the Secretary-030945779
US Department of Veterans Affairs (VA)-931691211
US Transportation Security Administration (TSA)-050297655
US Federal Aviation Administration (FAA)-056622429
Bureau of Customs & Border Protection (CBP)-796730922
Federal Bureau of Immigration & Customs Enforcement (ICE)-130221646
US Environmental Protection Agency (EPA)-057944910
National Aeronautics & Space Administration (NASA)-003259074
National Oceanic & Atmospheric Administration (NOAA)-079933920
US Nuclear Regulatory Commission (NRC)-364281923
Federal Emergency Management Agency (FEMA)-037751583
Federal Communications Commission (FCC)-020309969
US Securities & Exchange Commission (SEC)-003475175
US Public Health Service (USPHS)-039294216
National Institutes of Health (NIH)-061232000
US Centers for Disease Control & Prevention (CDC)-927645465
US Food & Drug Administration (FDA)-138182175
US Internal Revenue Service (IRS)-040539587
Federal Reserve Board of Governors (Fed)-001959410
Federal Bureau of Investigation (FBI)-878865674
National Security Agency (NSA)-617395215
US Drug Enforcement Administration (DEA)-167247027
Federal Bureau of Alcohol, Firearms & Tobacco (BAFT)-132282310
Federal Bureau of Land Management (BLM)-926038563
Federal Bureau of Indian Affairs (BIA)-926038407
DUNS Numbers of Each US Corporate State and Its Largest City
State of Alabama-004027553 City of Birmingham-074239450
State of Alaska-078198983 City of Fairbanks-079261830
State of Arizona-068300170 City of Phoenix-030002236
State of Arkansas-619312569 City of Little Rock-065303794
State of California-071549000 City of Los Angeles-159166271
State of Colorado-076438621 City of Denver-066985480
State of Connecticut-016167285 City of Bridgeport-156280596
State of Delaware-037802962 City of Wilmington-067393900
District of Columbia-949056860 City of Washington-073010550
State of Florida-004078374 City of Miami-965299576
State of Georgia-069230183 City of Atlanta-065372500
State of Hawaii-077676997 City of Honolulu-828979612
State of Idaho-071875734 City of Boise-070017017
State of Illinois-065232498 City of Chicago-556057206
State of Indiana-071789435 City of Indianapolis-964647155
State of Iowa-828089701 City of Davenport-963855494

Exhibit 47.9

Certified Mail Article Number:

State of Kansas-827975009 City of Wichita-069862755
State of Kentucky-828008883 City of Louisville-943445093
State of Louisiana-0612389911 City of New Orleans-033692404
State of Maine-061207536 City of Portland, Maine-071747802
State of Maryland-847612442 City of Baltimore-052340973
State of Massachussetts-138090548 City of Boston-007277284
State of Michigan-054698428 City of Detroit-021733631
State of Minnesota-050375465 City of Minneapolis-009901959
State of Mississippi-008210692 City of Jackson-020864955
State of Missouri-616963596 City of Kansas (City)-832496868
State of Montana-945782027 City of Billings-068925759
State of Nebraska-041472307 City of Omaha-926604690
State of Nevada-123259447 City of Las Vegas-019342317
State of New Hampshire-066760232 City of Manchester-045009073
State of New Jersey-067373258 City of Newark-019092531
State of New Mexico-007111818 City of Albuquerque-129962346
State of New York-041002973 City of New York-021741036
State of North Carolina-830979667 City of Charlotte-809275006
State of North Dakota-098564300 City of Bismarck-080245640
State of Ohio-034309166 City of Columbus-010611869
State of Oklahoma-050411726 City of Oklahoma (City)-073131542
State of Oregon-932534998 City of Portland (Oregon)-054971197
State of Pennsylvania-933882784 City of Philadelphia-929068737
State of Rhode Island-008421763 City of Providence-069853752
State of South Carolina-067006072 City of Columbia-878281562
State of Tennessee-04143882 City of Memphis-051386258
State of Texas-002537595 City of Houston-967421590
State of Utah-009094301 City of Salt Lake City-017096780
State of Vermont-066760240 City of Burlington-037442977
State of Virginia-047850373 City of Virginia Beach-074736299
State of Washington-079248936 City of Seattle-009483561
State of West Virginia-828092515 City of Charleston (West Virginia)-197931681
State of Wisconsin-001778349 City of Milwaukee-004779133
State of Wyoming-832826015 City of Cheyenne-021917273
DUNS Numbers of the United Nations Corporation and Some of Its Major Corporate Agencies
United Nations (UN)-824777304
UN Development Program (UNDP)-793511262
UN Educational, Scientific, & Cultural Organization (UNESCO)-053317819
UN World Food Program (UNWFP)-054023952
UN International Children's Education Fund (UNICEF)-017698452
UN World Health Organization (WHO)-618736326
This is a list of publicly traded companies (corporations) with the SEC.
http://www.sec.gov/cgi-bin/browse-edgar?company=&match=&CIK=...
Home | Latest Filings | Previous Page
Search the Next-Generation EDGAR System
EDGAR Search Results
SEC Home » Search the Next-Generation EDGAR System » Company Search » Current Page
Companies for SIC 8888 - FOREIGN GOVERNMENTS
Click on CIK to view company filings
Items 1 - 40
CIK Company State/Country
0000311669 ASIAN DEVELOPMENT BANK R6
0000866710 BANCO NACIONAL DE COMERCIO EXTERIOR SNC O5
0001026725 BANCO NACIONAL DE OBRAS Y SERVICIOS PUBLICOS SNC O5
0001045299 BANQUE CENTRALE DE TUNISIE DC
0000912239 CANADA MORTGAGE & HOUSING CORP DC

Certified Mail Article Number:

Exhibit 48.0

0001498597 CARSO INFRAESTRUCTURA Y CONSTRUCCION SAB DE CV O5
0001016472 CITY OF NAPLES DE
0001109609 DEVELOPMENT BANK OF JAPAN INC.
formerly: DEVELOPMENT BANK OF JAPAN (filings through 2008-09-29)
M0
0000033745 EUROPEAN INVESTMENT BANK N4
0000276328 EXPORT DEVELOPMENT CANADA/CN
formerly: EXPORT DEVELOPMENT CORP (filings through 2002-06-07)
DC
0000873463 EXPORT IMPORT BANK OF KOREA NY
0000205317 FEDERATIVE REPUBLIC OF BRAZIL D5
0000035946 FINLAND REPUBLIC OF DC
0001556421 FMS WERTMANAGEMENT 2M
0001179453 GOVERNMENT OF BELIZE DC
0001163395 GOVERNMENT OF JAMICA NY
0000931106 HELLENIC REPUBLIC NY
0000216105 HER MAJESTY THE QUEEN IN RIGHT OF NEW ZEALAND Q2
0000889414 HUNGARY
formerly: REPUBLIC OF HUNGARY (filings through 2011-11-25)
NY
0000052749 ISRAEL STATE OF NY
0000052782 ITALY REPUBLIC OF L6
0000053078 JAMAICA GOVERNMENT OF L8
0000837056 JAPAN NY
0001551322 Japan Bank for International Cooperation M0
0000053190 JAPAN DEVELOPMENT BANK M0
0001109604 Japan Finance Corp
formerly: JAPAN BANK FOR INTERNATIONAL COOPERATION (filings through 2008-09-29)
M0
0000837335 JAPAN FINANCE ORGANIZATION FOR MUNICIPALITIES
formerly: JAPAN FINANCE CORP FOR MUNICIPAL ENTERPRISES (filings through 2008-09-29)
M0
0000821533 KfW
formerly: KREDITANSTALT FUER WIEDERAUFBAU (filings through 2004-11-12)
KREDITANSTALT FUR WIEDERAUFBAU (filings through 2002-10-11)
2M
0000835615 KFW INTERNATIONAL FINANCE INC DE
0000869318 KOREA DEVELOPMENT BANK NY
0001483135 KOREA FINANCE Corp M5
0000878519 LANDESBANK BADEN WURTTEMBERG DE
0001306843 LANDESKREDITBANK BADEN WURTTEMBERG FORDERBANK 2M
0001144797 LANDWIRTSCHAFTLICHE RENTENBANK I8
0000356049 LONDON FINANCE & INVESTMENT GROUP PLC/ADR/ NY
0001027457 NATIONAL POWER CORP R6
0000357024 NORDIC INVESTMENT BANK H9
0000202811 OESTERREICHISCHE KONTROLLBANK AKTIENGESELLSCHAFT C4
0000074615 ONTARIO PROVINCE OF A6
0000076027 PANAMA REPUBLIC OF DC
http://www.sec.gov/cgi-bin/browse-edgar
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Home | Latest Filings | Previous Page
Search the Next-Generation EDGAR System
EDGAR Search Results
SEC Home » Search the Next-Generation EDGAR System » Company Search » Current Page
Companies for SIC 8888 - FOREIGN GOVERNMENTS
Click on CIK to view company filings

Exhibit 48.1

Certified Mail Article Number:

Items 41 - 60
CIK Company State/Country
0000077694 PERU REPUBLIC OF NY
0000836136 PROVINCE OF BRITISH COLUMBIA A1
0000862406 PROVINCE OF NEW BRUNSWICK A3
0000842639 PROVINCE OF NOVA SCOTIA NY
0000722803 QUEBEC A8
0000852555 QUEENSLAND TREASURY CORP C3
0001191980 REGION OF LOMBARDY DE
0000914021 REPUBLIC OF ARGENTINA DC
0000019957 REPUBLIC OF CHILE
formerly: CHILE REPUBLIC OF (filings through 2002-11-01)
F3
0000917142 REPUBLIC OF COLOMBIA NY
0000873465 REPUBLIC OF KOREA M5
0000911076 REPUBLIC OF PORTUGAL DC
0000932419 REPUBLIC OF SOUTH AFRICA
formerly: SOUTH AFRICA REPUBLIC OF (filings through 2002-04-10)
DC
0001030717 REPUBLIC OF THE PHILIPPINES NY
0000869687 REPUBLIC OF TURKEY NY
0000203098 SASKATCHEWAN PROVINCE OF NY
0000225913 SWEDEN KINGDOM OF V7
0000898608 TREASURY CORP OF VICTORIA C3
0000101368 UNITED MEXICAN STATES NY
0000102385 URUGUAY REPUBLIC OF DC
http://www.sec.gov/cgi-bin/browse-edgar

INTERNATIONAL LAW defined: Those laws governing the legal relations between nations. Rules and principles of general application dealing with the conduct of nations and of international organizations and with their relations inter se, as well as with some of their relations with persons, whether natural or juridical. Restatement Foreign Relations (Third) § 101. Body of consensual principles, which have evolved from customs and practices civilized nations utilize in regulating their relationships and such customs have great moral force. Zenith Radio Corp. v. Matsushita Elec. Indus. Co., Ltd., D.C.Pa., 494 F.Supp. 1161, 1178. International customs and treaties are generally considered to be the two most important sources of international law. Black's law Dictionary Sixth Edition (page 816)

SUITES IN ADMIRALTY ACT defined: Federal statute giving injured parties the right to sue the government in admiralty. 46 U.S.C.A. §§ 741-752. Donily v. U. S., D.C.Or., 381 F.Supp. 901. See also Sovereign immunity.

FOREIGN SOVEREIGN IMMUNITY ACT defined: subject to existing international agreements to which the U.S. is a party, and to certain statutorily prescribed exceptions, a foreign nation is immune from the jurisdiction of federal and state courts. [28 U.S.C. Sec. 1601-1611] Black's Law Dictionary Sixth Edition (page 1396)

Exhibit 49.1

KISSINGER REPORT 2004

A Retrospective on NSSM-200

Brian Clowes, Ph.D.

Human Life International®
Front Royal, VA

Exhibit 49.2

©2004
Human Life International, Inc.®
4 Family Life Lane
Front Royal, VA 22630
www.hli.org

Exhibit 49.3

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Exhibit 50

Why have more than 1,300 CEOs left their post in the past year?

nbcnews.com/business/business-news/why-have-more-1-000-ceos-left-their-post-past-n1076201

November 6, 2019

Business News

"Boards have been too compliant and they're finally recognizing it's their job to be vigilant about chief executive misbehavior," said one advocate for corporate governance.

Mint Images / Getty Images/Mint Images RF

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Nov. 6, 2019, 12:57 PM UTC

By Claire Atkinson

Exhibit 51.0

Best Synopsis Of the Most Recent/Initial Wave of Cabal Indictments of Celebs, Politicians & Other Elites(COMPLETE)

adrenogate.wordpress.com/2020/04/16/best-synopsis-of-the-most-recent-initial-wave-of-cabal-indictments-of-celebs-politicians-other-elitescomplete/

April 16, 2020

Exhibit 51.1

EPSTEIN DID NOT KILL HIMSELF
CLINTON CHILD KIDNAPPER LAURA SILSBY
EVERYDAY CITIZEN CLOWN SHILLS
Upon discovering Epstein just snitched on everyone.
"Oh God"
"What?"
"Get me the phone & my glock"
"Tom, we are so fucked"
TRAITOR
MOLE
GREEN LIGHT
ORANGE MAN
SHE'S GIVING THE GREEN LIGHT TO KILL THE ORANGE MAN
CELINE BE-GONE
WHAT A LOVELY PIC TO REMEMBER HER BY
EXECUTED
"This becoming a human thing is a very complicated affair."
ARRESTED WITH MANDELA?
"The news is not great"
ELLEN & HER CO-CONSPIRATORS ARE DONE
020 RACE
MR. VICE PRESIDENT JOE BIDEN LIVE ON NEW DAY
Joe Biden | (D) Presidential Candidate
PAEDO
PAEDO
More stars anxiously await their turn.
EXECUTED!!!
ASK STEVEN SPIELBERG WHAT HAPPENED TO HEATHER O'ROURKE..
I WAS GOING TO BE A TRUMP VOTER
wrinkled flag for "traitors"
John McCain EXECUTED For Treason
@adrenogate | adrenogate.wordpress.com

PASTEBIN | A GUEST ▫ MAR 16TH, 2020 ▫

1. This morning, at 4:30AM, the Prime Minister was served a criminal indictment by the US for corporate & financial crimes. Media owners were instructed to historically brainwash everyone that PM has Corona Virus with his wife and that they wont be leaving their house for a while.

Exhibit 51.2

2. Tom Hanks was arrested 48hrs ago for Pedophilia and he is currently being kept in a Hotel room in Australia refusing to fly back to USA. Next celebrity arrests will be Celion Dion, Madonna, Charley Barkley, Kevin Spacey – all will claim Corona virus infections.
3. Italy's airports have been completely shut down as over 80 of Vatican and financial officials have been served same criminal indictments for financial crime, pedophilia, child trafficking and sex abuse.
4. United Emirates have completed mass arrests of their own Royal Family & affiliates.
5. Convicted Hollywood rapist Harvey Weinstein agreed to a deal in exchange for his testimony against hundreds of top Hollywood celebrities and their involvement in the drug business, pedophilia and child trafficking. Instead of 55 year sentence, he only received 23y sentence. In exchange, he provided testimonies against some of the biggest & most powerful names including Prince Andrew of UK, former president Bill Clinton, former vice president Joe Biden, Tom Hanks, Oprah, Ellen DeGenerous, Quentin Tarantino, Charlie Sheen, Bob Saget, Kevin Spacey, John Travolta, Steven Spielberg, Podesta, NXIVM and PIZZAGATE sex trafficking clubs, and hundreds of more who all were directly involved with Jeffrey Epstein. In exchange of Jeffrey Epstein's testimony, he was allowed to make a deal and have his suicide in prison faked.
6. CEOs of some major world corporations have been indicted/arrested and some forced to resign all in the last 30-60 days, such as CEO of NBA, Harley Davidson, Gates Foundation, Intel, McDonald's, Cesar Awards, Vatican Chief of Police, Disney..etc Approximately 700-800 more resignations are coming in the next 3 months.
7. Lab-created Corona Virus is a cover up for mass mandatory vaccination agenda, as well a covert US Intelligence operation that the world has ever seen and this mass 158,000 arrest operation will remove & capture the biggest evil & corrupted politicians, celebrities and CEOs including global elites and bankers such as George Soros, UN officials, founders of GRETA INC.
8. Trump will win 2020 elections and arrests of former US presidents will occur in early 2021. All major arrests will be covered by media as an accident or conspiracy theory. All arrested individuals will be given "Rommel Death" meaning choice between suicide/accidental death in return for assurances that his/her reputation will remain intact, or face criminal trial that would result in public disgrace.
9. Some top religious leaders will be arrested or forced to resign, some will get "Sick" suddenly. Vatican will be the first and the Pope will be removed in 2020. Production of human extracted Adrenochrome will be revealed and Hollywood and Vatican will be directly responsible for it.

Exhibit 51.3

10. Coming up there will be a 2 month complete shut down of the worlds most common operations such as schools, stock exchange, some Banks, airports, shipping, travel, events, galas, expos, sport games, sport championships, music award ceremonies, NBA/NHL/Baseball games, ship cruises including food shortage and staged electricity power loss. Gas prices will go down, food costs will go up, insurance will go up, Gold/silver stocks will fall, many corporations will either bankrupt or take a significant financial loss such as whats about to happen to Air Canada, Disney and Coca Cola. H5N1 bird flu will be intentionally released this week out of China.
11. Welcome to the greater awakening. Whats about to happen this summer/fall will change the world's history.
12. — Barrie Mcculloch

This morning, at 4:30AM, the Prime Minister was served a criminal indictment by the US for corporate & financial crimes. Media owners were instructed to historically brainwash everyone that PM has Corona Virus with his wife and that they wont be leaving their house for a while.

Tom Hanks was arrested 48hrs ago for Pedophilia and he is currently being kept in a Hotel room in Australia refusing to fly back to USA. Next celebrity arrests will be Celion Dion, Madonna, Charley Barkley, Kevin Spacey – all will claim Corona virus infections.

Italy's airports have been completely shut down as over 80 of Vatican and financial officials have been served same criminal indictments for financial crime, pedophilia, child trafficking and sex abuse.

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Convicted Hollywood rapist Harvey Weinstein agreed to a deal in exchange for his testimony against hundreds of top Hollywood celebrities and their involvement in the drug business, pedophilia and child trafficking. Instead of 55 year sentence, he only received 23y sentence. In exchange, he provided testimonies against some of the biggest & most powerful names including Prince Andrew of UK, former president Bill Clinton, former vice president Joe Biden, Tom Hanks, Oprah, Ellen DeGenerous, Quentin Tarantino, Charlie Sheen, Bob Saget, Kevin Spacey, John Travolta, Steven Spielberg, Podesta, NXIVM and PIZZAGATE sex trafficking clubs, and hundreds of more who all were directly involved with Jeffrey Epstein. In exchange of Jeffrey Epstein's testimony, he was allowed to make a deal and have his suicide in prison faked.

CEOs of some major world corporations have been indicted/arrested and some forced to resign all in the last 30-60 days, such as CEO of NBA, Harley Davidson, Gates Foundation, Intel, McDonald's, Cesar Awards, Vatican Chief of Police, Disney..etc Approximately 700-800 more resignations are coming in the next 3 months.

Exhibit 52.0

Cour
Pénale
Internationale

International
Criminal
Court

Rome Statute of the International Criminal Court

Exhibit 52.1

PART 2.
JURISDICTION, ADMISSIBILITY AND APPLICABLE LAW

Article 5[1]
Crimes within the jurisdiction of the Court

The jurisdiction of the Court shall be limited to the most serious crimes of concern to the international community as a whole. The Court has jurisdiction in accordance with this Statute with respect to the following crimes:

(a) The crime of genocide;

(b) Crimes against humanity;

(c) War crimes;

(d) The crime of aggression.

Article 6
Genocide

For the purpose of this Statute, "genocide" means any of the following acts committed with intent to destroy, in whole or in part, a national, ethnical, racial or religious group, as such:

(a) Killing members of the group;

(b) Causing serious bodily or mental harm to members of the group;

(c) Deliberately inflicting on the group conditions of life calculated to bring about its physical destruction in whole or in part;

(d) Imposing measures intended to prevent births within the group;

(e) Forcibly transferring children of the group to another group.

Article 7
Crimes against humanity

1. For the purpose of this Statute, "crime against humanity" means any of the following acts when committed as part of a widespread or systematic attack directed against any civilian population, with knowledge of the attack:

(a) Murder;

(b) Extermination;

(c) Enslavement;

(d) Deportation or forcible transfer of population;

(e) Imprisonment or other severe deprivation of physical liberty in violation of fundamental rules of international law;

(f) Torture;

(g) Rape, sexual slavery, enforced prostitution, forced pregnancy, enforced sterilization, or any other form of sexual violence of comparable gravity;

(h) Persecution against any identifiable group or collectivity on political, racial, national, ethnic, cultural, religious, gender as defined in paragraph 3, or other grounds that are universally recognized as impermissible under international law, in connection with any act referred to in this paragraph or any crime within the jurisdiction of the Court;

(i) Enforced disappearance of persons;

(j) The crime of apartheid;

(k) Other inhumane acts of a similar character intentionally causing great suffering, or serious injury to body or to mental or physical health.

---

1 Paragraph 2 of article 5 ("The Court shall exercise jurisdiction over the crime of aggression once a provision is adopted in accordance with articles 121 and 123 defining the crime and setting out the conditions under which the Court shall exercise jurisdiction with respect to this crime. Such a provision shall be consistent with the relevant provisions of the Charter of the United Nations.") was deleted in accordance with RC/Res.6, annex I, of 11 June 2010.

Exhibit 52.2

2. For the purpose of paragraph 1:

   (a) "Attack directed against any civilian population" means a course of conduct involving the multiple commission of acts referred to in paragraph 1 against any civilian population, pursuant to or in furtherance of a State or organizational policy to commit such attack;

   (b) "Extermination" includes the intentional infliction of conditions of life, *inter alia* the deprivation of access to food and medicine, calculated to bring about the destruction of part of a population;

   (c) "Enslavement" means the exercise of any or all of the powers attaching to the right of ownership over a person and includes the exercise of such power in the course of trafficking in persons, in particular women and children;

   (d) "Deportation or forcible transfer of population" means forced displacement of the persons concerned by expulsion or other coercive acts from the area in which they are lawfully present, without grounds permitted under international law;

   (e) "Torture" means the intentional infliction of severe pain or suffering, whether physical or mental, upon a person in the custody or under the control of the accused; except that torture shall not include pain or suffering arising only from, inherent in or incidental to, lawful sanctions;

   (f) "Forced pregnancy" means the unlawful confinement of a woman forcibly made pregnant, with the intent of affecting the ethnic composition of any population or carrying out other grave violations of international law. This definition shall not in any way be interpreted as affecting national laws relating to pregnancy;

   (g) "Persecution" means the intentional and severe deprivation of fundamental rights contrary to international law by reason of the identity of the group or collectivity;

   (h) "The crime of apartheid" means inhumane acts of a character similar to those referred to in paragraph 1, committed in the context of an institutionalized regime of systematic oppression and domination by one racial group over any other racial group or groups and committed with the intention of maintaining that regime;

   (i) "Enforced disappearance of persons" means the arrest, detention or abduction of persons by, or with the authorization, support or acquiescence of, a State or a political organization, followed by a refusal to acknowledge that deprivation of freedom or to give information on the fate or whereabouts of those persons, with the intention of removing them from the protection of the law for a prolonged period of time.

3. For the purpose of this Statute, it is understood that the term "gender" refers to the two sexes, male and female, within the context of society. The term "gender" does not indicate any meaning different from the above.

Article 8[2]
War crimes

1. The Court shall have jurisdiction in respect of war crimes in particular when committed as part of a plan or policy or as part of a large-scale commission of such crimes.

2. For the purpose of this Statute, "war crimes" means:

   (a) Grave breaches of the Geneva Conventions of 12 August 1949, namely, any of the following acts against persons or property protected under the provisions of the relevant Geneva Convention:

      (i) Wilful killing;

      (ii) Torture or inhuman treatment, including biological experiments;

      (iii) Wilfully causing great suffering, or serious injury to body or health;

      (iv) Extensive destruction and appropriation of property, not justified by military necessity and carried out unlawfully and wantonly;

      (v) Compelling a prisoner of war or other protected person to serve in the forces of a hostile Power;

      (vi) Wilfully depriving a prisoner of war or other protected person of the rights of fair and regular trial;

2 Paragraphs 2 (e) (xiii) to 2 (e) (xv) were amended by resolution RC/Res.5 of 11 June 2010 (adding paragraphs 2 (e) (xiii) to 2 (e) (xv)).

Exhibit 52.3

18 U.S. Code § 2441. War crimes

U.S. Code Notes

(a) OFFENSE.—
Whoever, whether inside or outside the United States, commits a war crime, in any of the circumstances described in subsection (b), shall be fined under this title or imprisoned for life or any term of years, or both, and if death results to the victim, shall also be subject to the penalty of death.

(b) CIRCUMSTANCES.—
The circumstances referred to in subsection (a) are that the person committing such war crime or the victim of such war crime is a member of the Armed Forces of the United States or a national of the United States (as defined in section 101 of the Immigration and Nationality Act).

(c) DEFINITION.—As used in this section the term "war crime" means any conduct—

(1) defined as a grave breach in any of the international conventions signed at Geneva 12 August 1949, or any protocol to such convention to which the United States is a party;

(2) prohibited by Article 23, 25, 27, or 28 of the Annex to the Hague Convention IV, Respecting the Laws and Customs of War on Land, signed 18 October 1907;

Exhibit 53.0

White House petition to investigate Bill Gates for 'crimes against humanity' surpasses 380,000 signatures

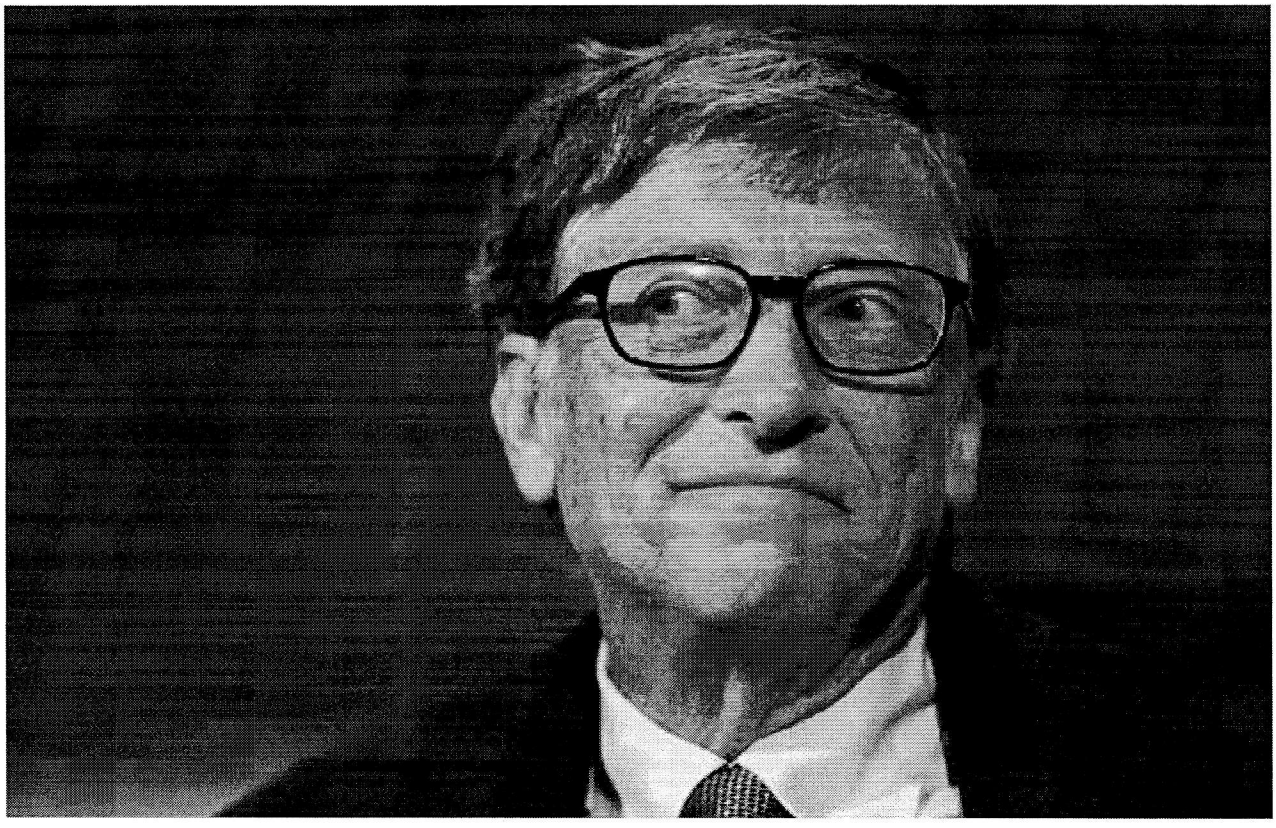
hangthebankers.com/white-house-petition-investigate-bill-gates-signatures/

April 21, 2020

A petition to investigate Bill Gates for "crimes against humanity" and "medical malpractice" has gained a staggering 380,000 signatures from concerned citizens, almost tripling the number required to get a response from the White House.

The "We the People" **petition** asks the federal government to call on Congress to investigate the Bill and Melinda Gates Foundation, stating that "Congress and all other governing bodies are derelict in duty until a thorough and public inquiry is complete."

The petition created on April 10 reached the threshold of 100,000 signatures within days and is currently one of the most popular petitions on the site.



As the White House's "We the People" website explains, the petition platform empowers every American citizen "to become an agent of change" – and, if a petition gains 100,000 signatures in 30 days, the White House will "make sure it gets in front of the appropriate policy experts".

Exhibit 54

"We the People is a platform that empowers the American public to take this action like never before – it's a way for anybody, anywhere, to speak directly to the government and become an agent for change.

"With We the People, you can easily create a petition online, share it, and collect signatures. If you gather 100,000 signature in 30 days, we'll review your petition, make sure it gets in front of the appropriate policy experts, and issue an official response."

Robert F. Kennedy Jr., the nephew of former President John F. Kennedy, has also sharply criticized Gates for what he describes as a "messianic conviction that he is ordained to save the world with technology."

"Vaccines, for Bill Gates, are a strategic philanthropy that feed his many vaccine-related businesses (including Microsoft's ambition to control a global vac ID enterprise) and give him dictatorial control over global health policy—the spear tip of corporate neo-imperialism," Kennedy Jr. wrote.

"Gates' obsession with vaccines seems fueled by a messianic conviction that he is ordained to save the world with technology and a god-like willingness to experiment with the lives of lesser humans."

Full petition:

We Call For Investigations Into The "Bill & Melinda Gates Foundation" For Medical Malpractice & Crimes Against Humanity Created by C.S. on April 10, 2020

As we look at events surrounding the "COVID-19 pandemic," various questions remain unanswered. On Oct. 18th of 2019, only weeks prior to ground zero being declared in Wuhan, China, two major events took place. One is "Event 201," the other is the "Military World Games," held in none other than Wuhan. Since then a worldwide push for vaccines & biometric tracking has been initiated.

At the forefront of this is Bill Gates, who has publicly stated his interest in "reducing population growth" by 10-15%, by means of vaccination. Gates, UNICEF & WHO have already been credibly accused of intentionally sterilising Kenyan children through the use of a hidden HCG antigen in tetanus vaccines.

Congress & all other governing bodies are derelict in duty until a thorough and public inquiry is complete.

To sign the petition: **click here.**

SOURCE

Exhibit 55

Bill Gates Met With Jeffrey Epstein Many Times, Despite His Past

At Jeffrey Epstein's Manhattan mansion in 2011, from left: James E. Staley, at the time a senior JPMorgan executive; former Treasury Secretary Lawrence Summers; Mr. Epstein; Bill Gates, Microsoft's co-founder; and Boris Nikolic, who was the Bill and Melinda Gates Foundation's science adviser.

By Emily Flitter and James B. Stewart

Published Oct. 12, 2019 Updated Nov. 26, 2019

Jeffrey Epstein, the convicted sex offender who committed suicide in prison, managed to lure an astonishing array of rich, powerful and famous men into his orbit.

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Log In

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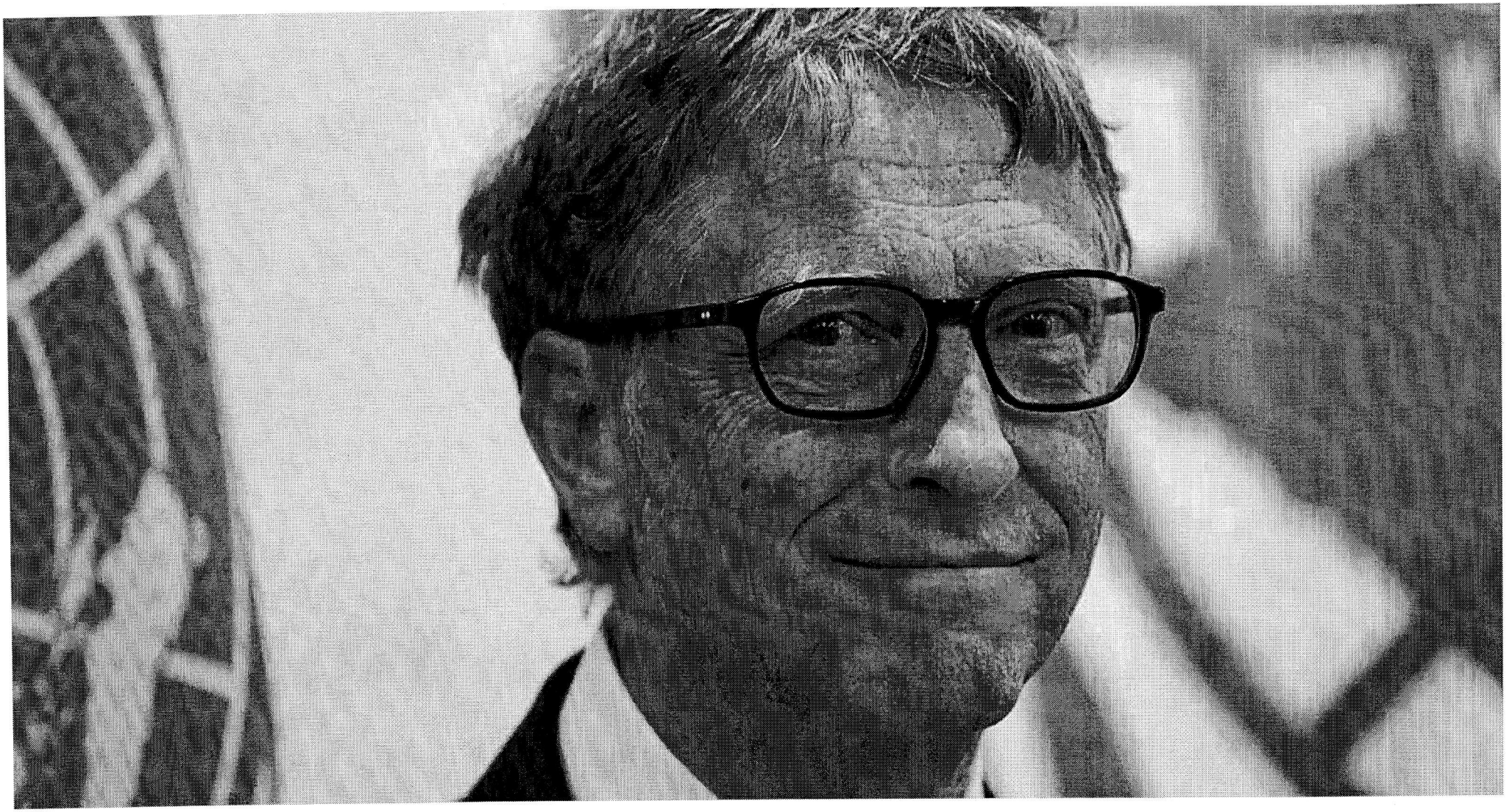
See subscription options

Tell us about yourself. Take our survey.

No Text

Exhibit 56



Certified Mail Article Number:

Exhibit 47.1

IRS A Private For Profit "Foreign Corporation"
IRS Certificate of Incorporation Plus List of Private For Profit "Foreign Corporations"
Public Notice/Public Record

- Neither The For Profit Government (foreign corporation) Nor The [Foreign] Statute Merchant/Agent Has Access To Sovereign Immunity: As a member of a corporation, a government never exercises its sovereignty. It acts merely as a corporator, and exercises no other power in the management of the affairs of the corporation, than are expressly given by the incorporating act. Suits brought by or against it are not understood to be brought by or against the United States. The government, by becoming a corporator, lays down its sovereignty, so far as respects the transaction of the corporation, and exercises no power or privilege which is not derived from the charter.); U.S. v. Georgia-Pacific Co., 421 F.2d 92, 101 (9th Cir. 1970) (Government may also be bound by the doctrine of equitable estoppel if acting in proprietary [for profit nature] rather than sovereign capacity); the "Savings to Suitor Clause" is also available for addressing mercantile and admiralty matters aka "civil process" at the common law and within a state court.

- Government Agent Acting As An [Offshore] Statute Merchant: Whatever the form in which the Government functions, anyone entering into an arrangement with the Government takes the risk of having accurately ascertained that he who purports to act for the Government stays within the bounds of his authority. The scope of this authority may be explicitly defined by Congress or be limited by delegated legislation, properly exercised through the rule-making power. And this is so even though, as here, the agent himself may have been unaware of the limitations upon his authority. See, e.g., Utah Power & Light Co. v. United States, 243 U.S. 389. 409, 391; United States v. Stewart, 311 U.S. 60, 70, 108, and see, generally, In re Floyd Acceptances, 7 Wall. 666);

- Title 8, 22 & 28 USC whereas defined pursuant to: December 26th 1933 49 Statute 3097 Treaty Series 881 (Convention on Rights and Duties of States) stated CONGRESS replaced STATUTES with international law, placing all states under international law.

- Whereas defined pursuant to: December 9th 1945 International Organization Immunities Act relinquished every public office of the United States to the United Nations.

- Whereas defined pursuant to: 22 CFR 92.12-92.31 FR Heading "Foreign Relationship" states that an oath is required to take office.

- Whereas defined pursuant to: Title 8 USC 1481 stated once an oath of office is taken citizenship is relinquished, thus you become a foreign entity, agency, or state. That means every public office is a foreign state, including all political subdivisions. (i.e. every single court and that courts personnel is considered a separate foreign entity)

- Whereas defined pursuant to: Title 22 USC (Foreign Relations and Intercourse) Chapter 11 identifies all public officials as foreign agents. Whereas defined pursuant to: Title 28 USC 3002 Section 15A states that the United States is a Federal Corporation and not a Government, including the Judiciary Procedural Section. Whereas defined pursuant to: Federal Rules of Civil Procedure (FRCP) 4j states that the Court jurisdiction and immunity fall under a foreign State.

- Whereas defined pursuant to: The 11th Amendment states; "The Judicial power of the United States shall not be construed to extend to any suit in law or equity, commenced or prosecuted against one of the United States by Citizens of another State, or by Citizens or Subjects of an Foreign State." (A foreign entity, agency, or state cannot bring any suit against a United States citizen without abiding by the procedure outlined below.)

- Whereas defined pursuant to: Title 22 CFR 93.1-93.2 states that the Department of State has to be notified of any suit, and in turn has to notify the United States citizen of said suit.

Certified Mail Article Number:

Exhibit 47.2

- Whereas defined pursuant to: Title 28 USC 1330 states that the United States District Court has to grant permission for the suit to be pursued once the court has been supplied sufficient proof that the United States citizen is actually a corporate entity. Whereas defined pursuant to: Title 28 USC 1602-1611 (Foreign Sovereign Immunities Act

- FOREIGN SOVEREIGN IMMUNITY ACT defined: subject to existing international agreements to which the U.S. is a party, and to certain statutorily prescribed exceptions, a foreign nation is immune from the jurisdiction of federal and state courts. [28 U.S.C. Sec. 1601-1611] Black's Law Dictionary Sixth Edition (page 1396)

- Whereas defined pursuant to; Immunity of a foreign state from jurisdiction: Subject to existing international agreements to which the United States is a party at the time of enactment of this Act a foreign state shall be immune from the jurisdiction of the courts of the United States and of the States except as provided in sections 1605 to 1607 of this chapter.

- Whereas defined pursuant to: Immunity from attachment and execution of property of a foreign state: Subject to existing international agreements to which the United States is a party at the time of enactment of this Act the property in the United States of a foreign state shall be immune from attachment arrest and execution except as provided in sections 1610 and 1611 of this chapter.

- All Commercial Paper Issued By Corporations Acting As Agents Of "Foreign Principal" Impersonating De Jure (According To Law; By Right.) Office Holders Are "Counterfeit," Copies Are Not Authentic.

Maxim of Common-Law Falsus in uno, falsus in omnibus. False in one thing, false in everything. 1 Sumn. 356.

Whereas defined pursuant to; Possessing counterfeit foreign obligations or securities Current through Pub. L. 113-36. (See Public Laws for the current Congress.) Whoever, within the United States, knowingly and with intent to defraud, possesses or delivers any false, forged, or counterfeit bond, certificate, obligation, security, treasury note, bill, promise to pay, bank note, or bill issued by a bank or corporation of any foreign country, shall be fined under this title or imprisoned not more than 20 years, or both.

TO COUNTERFEIT defined: criminal law. To make something false, in the semblance of that which is true; it always implies a fraudulent intent. Vide Vin. Ab. h.t. Forgery. A Law Dictionary Adapted To The Constitution and Laws of the United States of America and of the Several States of the American Union by John Bouvier Revised Sixth Edition, 1856

Whereas defined pursuant to: Officers and employees acting as agents of foreign principal 18 USC § 219 (a) Whoever, being a public official, is or acts as an agent of a foreign principal required to register under the Foreign Agents Registration Act of 1938, as amended, shall be fined under this title or imprisoned for not more than two years, or both. (b) Nothing in this section shall apply to the employment of any agent of a foreign principal as a special Government employee in any case in which the head of the employing agency certifies that such employment is required in the national interest. A copy of any certification under this paragraph shall be forwarded by the head of such agency to the Attorney General who shall cause the same to be filed with the registration statement and other documents filed by such agent, and made available for public inspection in accordance with section 6 of the Foreign Agents Registration Act of 1938 (22 USCS § 616], as amended. (c) For the purpose of this section "public official" means Member of Congress, Delegate, or Resident Commissioner, either before or after he has qualified, or an officer or employee or person acting for or on behalf of the United States, or any department, agency, or branch of Government thereof, including the District of Columbia, in any official function, under or by authority of any such department, agency, or branch of Government.

Certified Mail Article Number:

Exhibit 47.3

Certified Mail Article Number:

Exhibit 47.4

The Corp. Co of Del. $20,000 = 200 shs $100 = 10

Certificate of Incorporation

Name

First.—The name of this Corporation shall be .....

.....INTERNAL REVENUE TAX AND AUDIT SERVICE, INC.....

Registered Office.

Second.—Its principal office or place of business in the State of Delaware shall be located at 15-17 Dover Green in the City of Dover, County of Kent, and its resident agent shall be The Capital Trust Company of Delaware.

Objects and Powers.

Third.—The nature of the business and the objects and purposes proposed to be transacted, promoted and carried on, are to do any or all of the things herein set forth, as fully and to the same extent as natural persons might or could do, and in any part of the world, viz:

To own, hold, sell and dispose of the right to the use, and in the sale of a Copyright Book, printed therein, new and improved Forms, for use of business and professional men, and for the purpose of compiling accounting records and figures, and other purposes, from which INCOME TAX RETURNS of any manner, kind, class and description may be prepared in conformity with the Internal Revenue Laws of the United States, and in conformity with any and all Taxing Laws enacted by any of the States, Counties, Municipalities, Cities, Towns, or other taxing divisions or subdivisions. Generally to conduct an Income Tax Accounting and Auditing business, and to act as Income Tax Accountants and Auditors for persons, firms, corporations, syndicates and others, and to make charges for the sale of said Income Tax Accounting Book of Forms, and for such other services as may be rendered.

To examine, audit and certify to the correctness of Corporation reports.

Certified Mail Article Number:

Exhibit 47.5

Liability of Stockholders.

Seventh.—The private property of the stockholders shall not be subject to the payment of corporate debts to any extent whatever.

Powers of Directors.

Eighth.—The Directors shall have power to make and to alter or amend the By-laws; to fix the amount to be reserved as working capital, and to authorize and cause to be executed, mortgages and liens without limit as to amount, upon the property and franchises of this Corporation.

Inspection of Corporate Books.

The By-laws shall determine whether and to what extent the accounts and books of this corporation, or any of them, shall be open to the inspection of the stockholders; and no stockholder shall have any right of inspecting any account, or book, or document of this Corporation, except as conferred by law or the By-laws, or by resolution of the stockholders or directors.

Meetings.

The stockholders and directors shall have power to hold their meetings and keep the books, documents and papers of the corporation outside of the State of Delaware, at such places as may be from time to time designated by the By-laws or by resolution of the stockholders or directors.

Executive Committee.

The directors shall have power by a resolution passed by a majority vote of the whole Board, under suitable provision of the By-laws, to designate two or more of their number to constitute an Executive Committee, which Committee shall for the time being, as provided in said resolution or in the By-laws, have and exercise any or all the powers of the Board of Directors which may be lawfully delegated in the management of the business and affairs of the Company, and shall have power to authorize the seal of the said Company to be affixed to all papers which may require it.

There shall be no preemptive right in the stockholders of subscribing to any additional issues of any class of stock of this corporation now or hereafter authorized unless hereafter conferred by resolution of the directors.

Amendments.

This Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by the statutes of the State of Delaware, and all rights conferred on officers, directors and stockholders herein are granted subject to this reservation.

It is the intention that each of the objects, purposes and powers specified in all the paragraphs of the Third Section hereof shall be regarded as independent objects, purposes and powers.

We, the Undersigned, for the purpose of forming a Corporation under the laws of the State of Delaware, do make, file and record this Certificate, and do certify that the facts herein stated are true; and we have accordingly hereunto set our respective hands and seals.

Dated at ...NEW YORK CITY, N.Y.... E. Clifton Barton (SEAL)

July 11th, 1933 Helen E'dell Barton (SEAL)

In presence of Grace M. Mufson Laurence Echevarria (SEAL)

Wm. Levy

State of Newyork }
County of Newyork } ss:

Be It Remembered, That on this 11th day of July A. D. 1933 personally appeared before me, the subscriber, a Notary Public for the State of Newyork, Helen E'dell Barton and E. Clifton Barton Laurence Echevarria

parties to the foregoing Certificate of Incorporation, known to me personally to be such, and severally acknowledged the said Certificate of Incorporation to be their act and deed, and that the facts therein stated are truly set forth.

Given Under my hand and seal of office the day and year aforesaid.

Wm. Levy
Notary Public.

Must be acknowledged before a Notary Public with seal

a-m

Certified Mail Article Number:

Exhibit 47.6

To guarantee, purchase, hold, sell, assign, transfer, mortgage, pledge, or otherwise dispose of the shares of the capital stock of, or any bonds, securities or evidences of indebtedness created by any other corporation or corporations of this State or any other State, country, nation or government, and while owner of said stock may exercise all the rights, powers and privileges of ownership, including the right to vote thereon, to the same extent as natural persons might or could do.

To enter into, make and perform contracts of every kind with any person, firm, association or corporation, municipality, body politic, country, territory, State, government or colony or dependency thereof, and without limit as to amount to draw, make, accept, endorse, discount, execute and issue promissory notes, drafts, bills of exchange, warrants, bonds, debentures, and other negotiable or transferable instruments and evidences of indebtedness whether secured by mortgage or otherwise, as well as to secure the same by mortgage or otherwise.

To conduct business in any of the States, territories, colonies or dependencies of the United States, in the District of Columbia, and in any and all foreign countries, to have one or more offices therein, and therein to hold, purchase, mortgage and convey real and personal property, without limit as to the amount.

To do any or all of the things herein set forth to the same extent as natural persons might or could do and in any part of the world, as principals, agents, contractors, trustees, or otherwise, and either alone or in company with others.

To purchase, hold and reissue any of the shares of its capital stock.

In General to carry on any other business in connection therewith, whether manufacturing or otherwise, not forbidden by the laws of the State of Delaware, and with all the powers conferred upon corporations by the laws of the State of Delaware.

Strike out L, 2 or 4 if not desired.

Fourth.—The total authorized capital stock of this corporation consists of [1] ~~shares of Common stock without nominal or par value AND~~ [2] Two Hundred (200) ~~AND~~ shares of Common stock with the par value of One Hundred Dollars ($100.00) each ~~AND~~ [3] ~~shares of Preferred stock with the par value of Dollars ($) each AND~~ [4] ~~shares of Preferred stock without nominal or par value.~~

~~The preferred stock may be issued as and when the Board of Directors shall so provide and shall entitle the holder thereof to receive out of the net earnings, and the Corporation shall be bound to pay dividends at the rate of per centum per annum, payable before any dividend shall be set apart on the common stock, cumulative, if such rate or rates shall not be paid in full in any year. In case of the issue of the preferred stock the directors shall have power~~

If preferred stock is desired, fill in there blanks. If only common is wanted, leave blank.

in their discretion to declare and pay a dividend ~~on the preferred stock~~ on the common stock.

~~The holders of preferred stock shall, in case of liquidation or dissolution of the Corporation, before any amount shall be paid to the holders of the general or common stock, be entitled to be paid the amount paid up on their shares and the dividends accrued and unpaid thereon, but shall not participate in any profits or assets after paying off the whole of the paid up capital.~~

~~The preferred stock, at the discretion of the Company, shall be subject to redemption at on 19 , or any dividend day thereafter.~~

Strike out if not desired.

~~The sole voting power conferred by this instrument upon the preferred stock shall vest exclusively in the holders thereof, except as may otherwise be required by law, and the consent in writing or by vote at any meeting called for the purpose of the holders of two-thirds of the preferred stock of the Corporation then outstanding shall be necessary for the validity of any corporate act or vote which will alter the rights, preferences, privileges or restrictions of the preferred stock, or which will create any class of stock ranking prior to or on a parity with the preferred stock, or which will increase the number of authorized shares of the preferred stock, or which will authorize the issue of bonds, debentures or other obligations of the Corporation, or which will authorize the sale, lease or conveyance of all or substantially all of the property and franchises of the Corporation.~~

Not less than $1000.

This corporation will commence business with a capital of at least One Thousand Dollars.

Incorporators.

Fifth.—The names and places of residence of the incorporators are as follows:

Name	Residence
E. CLIFTON BARTON	NEW YORK, N.Y.
HELEN EIDELE BARTON	NEW YORK, N.Y.
LAWRENCE ECHEVARRIA	NEW YORK, N.Y.

Exhibit 47.8

Certified Mail Article Number:

DUNS Numbers of the Private For Profit "Foreign Corporation" US Corporate Government and Most of Its Major Agencies
United States Government-052714196
US Department of Defense (DOD)-030421397
US Department of the Treasury-026661067
US Department of Justice (DOJ)-011669674
US Department of State-026276622
US Department of Health & Human Services (HHS)-Office of the Secretary-112463521
US Department of Education-944419592
US Department of Energy-932010320
US Department of Homeland Security-932394187
US Department of the Interior-020949010
US Department of Labor-029536183
US Department of Housing & Urban Development (HUD)-Office of the Secretary-030945779
US Department of Veterans Affairs (VA)-931691211
US Transportation Security Administration (TSA)-050297655
US Federal Aviation Administration (FAA)-056622429
Bureau of Customs & Border Protection (CBP)-796730922
Federal Bureau of Immigration & Customs Enforcement (ICE)-130221646
US Environmental Protection Agency (EPA)-057944910
National Aeronautics & Space Administration (NASA)-003259074
National Oceanic & Atmospheric Administration (NOAA)-079933920
US Nuclear Regulatory Commission (NRC)-364281923
Federal Emergency Management Agency (FEMA)-037751583
Federal Communications Commission (FCC)-020309969
US Securities & Exchange Commission (SEC)-003475175
US Public Health Service (USPHS)-039294216
National Institutes of Health (NIH)-061232000
US Centers for Disease Control & Prevention (CDC)-927645465
US Food & Drug Administration (FDA)-138182175
US Internal Revenue Service (IRS)-040539587
Federal Reserve Board of Governors (Fed)-001959410
Federal Bureau of Investigation (FBI)-878865674
National Security Agency (NSA)-617395215
US Drug Enforcement Administration (DEA)-167247027
Federal Bureau of Alcohol, Firearms & Tobacco (BAFT)-132282310
Federal Bureau of Land Management (BLM)-926038563
Federal Bureau of Indian Affairs (BIA)-926038407
DUNS Numbers of Each US Corporate State and Its Largest City
State of Alabama-004027553 City of Birmingham-074239450
State of Alaska-078198983 City of Fairbanks-079261830
State of Arizona-068300170 City of Phoenix-030002236
State of Arkansas-619312569 City of Little Rock-065303794
State of California-071549000 City of Los Angeles-159166271
State of Colorado-076438621 City of Denver-066985480
State of Connecticut-016167285 City of Bridgeport-156280596
State of Delaware-037802962 City of Wilmington-067393900
District of Columbia-949056860 City of Washington-073010550
State of Florida-004078374 City of Miami-965299576
State of Georgia-069230183 City of Atlanta-065372500
State of Hawaii-077676997 City of Honolulu-828979612
State of Idaho-071875734 City of Boise-070017017
State of Illinois-065232498 City of Chicago-556057206
State of Indiana-071789435 City of Indianapolis-964647155
State of Iowa-828089701 City of Davenport-963855494

Exhibit 47.9

Certified Mail Article Number:

State of Kansas-827975009 City of Wichita-069862755
State of Kentucky-828008883 City of Louisville-943445093
State of Louisiana-0612389911 City of New Orleans-033692404
State of Maine-061207536 City of Portland, Maine-071747802
State of Maryland-847612442 City of Baltimore-052340973
State of Massachussetts-138090548 City of Boston-007277284
State of Michigan-054698428 City of Detroit-021733631
State of Minnesota-050375465 City of Minneapolis-009901959
State of Mississippi-008210692 City of Jackson-020864955
State of Missouri-616963596 City of Kansas (City)-832496868
State of Montana-945782027 City of Billings-068925759
State of Nebraska-041472307 City of Omaha-926604690
State of Nevada-123259447 City of Las Vegas-019342317
State of New Hampshire-066760232 City of Manchester-045009073
State of New Jersey-067373258 City of Newark-019092531
State of New Mexico-007111818 City of Albuquerque-129962346
State of New York-041002973 City of New York-021741036
State of North Carolina-830979667 City of Charlotte-809275006
State of North Dakota-098564300 City of Bismarck-080245640
State of Ohio-034309166 City of Columbus-010611869
State of Oklahoma-050411726 City of Oklahoma (City)-073131542
State of Oregon-932534998 City of Portland (Oregon)-054971197
State of Pennsylvania-933882784 City of Philadelphia-929068737
State of Rhode Island-008421763 City of Providence-069853752
State of South Carolina-067006072 City of Columbia-878281562
State of Tennessee-04143882 City of Memphis-051386258
State of Texas-002537595 City of Houston-967421590
State of Utah-009094301 City of Salt Lake City-017096780
State of Vermont-066760240 City of Burlington-037442977
State of Virginia-047850373 City of Virginia Beach-074736299
State of Washington-079248936 City of Seattle-009483561
State of West Virginia-828092515 City of Charleston (West Virginia)-197931681
State of Wisconsin-001778349 City of Milwaukee-004779133
State of Wyoming-832826015 City of Cheyenne-021917273
DUNS Numbers of the United Nations Corporation and Some of Its Major Corporate Agencies
United Nations (UN)-824777304
UN Development Program (UNDP)-793511262
UN Educational, Scientific, & Cultural Organization (UNESCO)-053317819
UN World Food Program (UNWFP)-054023952
UN International Children's Education Fund (UNICEF)-017698452
UN World Health Organization (WHO)-618736326
This is a list of publicly traded companies (corporations) with the SEC.
http://www.sec.gov/cgi-bin/browse-edgar?company=&match=&CIK=...
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SEC Home » Search the Next-Generation EDGAR System » Company Search » Current Page
Companies for SIC 8888 - FOREIGN GOVERNMENTS
Click on CIK to view company filings
Items 1 - 40
CIK Company State/Country
0000311669 ASIAN DEVELOPMENT BANK R6
0000866710 BANCO NACIONAL DE COMERCIO EXTERIOR SNC O5
0001026725 BANCO NACIONAL DE OBRAS Y SERVICIOS PUBLICOS SNC O5
0001045299 BANQUE CENTRALE DE TUNISIE DC
0000912239 CANADA MORTGAGE & HOUSING CORP DC

Certified Mail Article Number:

Exhibit 48.0

0001498597 CARSO INFRAESTRUCTURA Y CONSTRUCCION SAB DE CV O5
0001016472 CITY OF NAPLES DE
0001109609 DEVELOPMENT BANK OF JAPAN INC.
formerly: DEVELOPMENT BANK OF JAPAN (filings through 2008-09-29)
M0
0000033745 EUROPEAN INVESTMENT BANK N4
0000276328 EXPORT DEVELOPMENT CANADA/CN
formerly: EXPORT DEVELOPMENT CORP (filings through 2002-06-07)
DC
0000873463 EXPORT IMPORT BANK OF KOREA NY
0000205317 FEDERATIVE REPUBLIC OF BRAZIL D5
0000035946 FINLAND REPUBLIC OF DC
0001556421 FMS WERTMANAGEMENT 2M
0001179453 GOVERNMENT OF BELIZE DC
0001163395 GOVERNMENT OF JAMICA NY
0000931106 HELLENIC REPUBLIC NY
0000216105 HER MAJESTY THE QUEEN IN RIGHT OF NEW ZEALAND Q2
0000889414 HUNGARY
formerly: REPUBLIC OF HUNGARY (filings through 2011-11-25)
NY
0000052749 ISRAEL STATE OF NY
0000052782 ITALY REPUBLIC OF L6
0000053078 JAMAICA GOVERNMENT OF L8
0000837056 JAPAN NY
0001551322 Japan Bank for International Cooperation M0
0000053190 JAPAN DEVELOPMENT BANK M0
0001109604 Japan Finance Corp
formerly: JAPAN BANK FOR INTERNATIONAL COOPERATION (filings through 2008-09-29)
M0
0000837335 JAPAN FINANCE ORGANIZATION FOR MUNICIPALITIES
formerly: JAPAN FINANCE CORP FOR MUNICIPAL ENTERPRISES (filings through 2008-09-29)
M0
0000821533 KfW
formerly: KREDITANSTALT FUER WIEDERAUFBAU (filings through 2004-11-12)
KREDITANSTALT FUR WIEDERAUFBAU (filings through 2002-10-11)
2M
0000835615 KFW INTERNATIONAL FINANCE INC DE
0000869318 KOREA DEVELOPMENT BANK NY
0001483135 KOREA FINANCE Corp M5
0000878519 LANDESBANK BADEN WURTTEMBERG DE
0001306843 LANDESKREDITBANK BADEN WURTTEMBERG FORDERBANK 2M
0001144797 LANDWIRTSCHAFTLICHE RENTENBANK I8
0000356049 LONDON FINANCE & INVESTMENT GROUP PLC/ADR/ NY
0001027457 NATIONAL POWER CORP R6
0000357024 NORDIC INVESTMENT BANK H9
0000202811 OESTERREICHISCHE KONTROLLBANK AKTIENGESELLSCHAFT C4
0000074615 ONTARIO PROVINCE OF A6
0000076027 PANAMA REPUBLIC OF DC
http://www.sec.gov/cgi-bin/browse-edgar
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Home | Latest Filings | Previous Page
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SEC Home » Search the Next-Generation EDGAR System » Company Search » Current Page
Companies for SIC 8888 - FOREIGN GOVERNMENTS
Click on CIK to view company filings

Exhibit 48.1

Certified Mail Article Number:

Items 41 - 60
CIK Company State/Country
0000077694 PERU REPUBLIC OF NY
0000836136 PROVINCE OF BRITISH COLUMBIA A1
0000862406 PROVINCE OF NEW BRUNSWICK A3
0000842639 PROVINCE OF NOVA SCOTIA NY
0000722803 QUEBEC A8
0000852555 QUEENSLAND TREASURY CORP C3
0001191980 REGION OF LOMBARDY DE
0000914021 REPUBLIC OF ARGENTINA DC
0000019957 REPUBLIC OF CHILE
formerly: CHILE REPUBLIC OF (filings through 2002-11-01)
F3
0000917142 REPUBLIC OF COLOMBIA NY
0000873465 REPUBLIC OF KOREA M5
0000911076 REPUBLIC OF PORTUGAL DC
0000932419 REPUBLIC OF SOUTH AFRICA
formerly: SOUTH AFRICA REPUBLIC OF (filings through 2002-04-10)
DC
0001030717 REPUBLIC OF THE PHILIPPINES NY
0000869687 REPUBLIC OF TURKEY NY
0000203098 SASKATCHEWAN PROVINCE OF NY
0000225913 SWEDEN KINGDOM OF V7
0000898608 TREASURY CORP OF VICTORIA C3
0000101368 UNITED MEXICAN STATES NY
0000102385 URUGUAY REPUBLIC OF DC
http://www.sec.gov/cgi-bin/browse-edgar

INTERNATIONAL LAW defined: Those laws governing the legal relations between nations. Rules and principles of general application dealing with the conduct of nations and of international organizations and with their relations inter se, as well as with some of their relations with persons, whether natural or juridical. Restatement Foreign Relations (Third) § 101. Body of consensual principles, which have evolved from customs and practices civilized nations utilize in regulating their relationships and such customs have great moral force. Zenith Radio Corp. v. Matsushita Elec. Indus. Co., Ltd., D.C.Pa., 494 F.Supp. 1161, 1178. International customs and treaties are generally considered to be the two most important sources of international law. Black's law Dictionary Sixth Edition (page 816)

SUITES IN ADMIRALTY ACT defined: Federal statute giving injured parties the right to sue the government in admiralty. 46 U.S.C.A. §§ 741-752. Donily v. U. S., D.C.Or., 381 F.Supp. 901. See also Sovereign immunity.

FOREIGN SOVEREIGN IMMUNITY ACT defined: subject to existing international agreements to which the U.S. is a party, and to certain statutorily prescribed exceptions, a foreign nation is immune from the jurisdiction of federal and state courts. [28 U.S.C. Sec. 1601-1611] Black's Law Dictionary Sixth Edition (page 1396)

Exhibit 49.0

KISSINGER REPORT 2004

A Retrospective on NSSM-200

EXPOSED:
HOW U.S. FOREIGN POLICY USES POPULATION CONTROL TO EXPLOIT THIRD WORLD ECONOMIES

HUMAN LIFE INTERNATIONAL®
Copyright 2004

Exhibit 49.1

KISSINGER REPORT 2004

A Retrospective on NSSM-200

Brian Clowes, Ph.D.

Human Life International®
Front Royal, VA

Exhibit 49.2

©2004
Human Life International, Inc.®
4 Family Life Lane
Front Royal, VA 22630
www.hli.org

Exhibit 49.3

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Exhibit 50

Why have more than 1,300 CEOs left their post in the past year?

nbcnews.com/business/business-news/why-have-more-1-000-ceos-left-their-post-past-n1076201

November 6, 2019

Business News

"Boards have been too compliant and they're finally recognizing it's their job to be vigilant about chief executive misbehavior," said one advocate for corporate governance.

Mint Images / Getty Images/Mint Images RF

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Nov. 6, 2019, 12:57 PM UTC

By Claire Atkinson

Exhibit 51.0

Best Synopsis Of the Most Recent/Initial Wave of Cabal Indictments of Celebs, Politicians & Other Elites(COMPLETE)

[redacted] adrenogate.wordpress.com/2020/04/16/best-synopsis-of-the-most-recent-initial-wave-of-cabal-indictments-of-celebs-politicians-other-elitescomplete/

April 16, 2020

Exhibit 51.1

ONCE UPON A TIME
PEDOWOOD
EPSTEIN DID NOT KILL HIMSELF
CLINTON CHILD KIDNAPPER LAURA SILSBY
EVERYDAY CITIZEN CLOWN SHILLS
Upon discovering Epstein just snitched on everyone.
TRAITOR
MOLE
GREEN LIGHT
ORANGE MAN
SHE'S GIVING THE GREEN LIGHT TO KILL THE ORANGE MAN
CELINE BE-GONE
WHAT A LOVELY PIC TO REMEMBER HER BY
"This becoming a human thing is a very complicated affair."
"The news is not great."
ELLEN & HER CO-CONSPIRATORS ARE DONE
ARRESTED WITH MANDELA?
020 RACE
MR. VICE PRESIDENT JOE BIDEN LIVE ON NEW DAY
Joe Biden (D) Presidential Candidate
PAEDO
PAEDO
Tom can't talk David he's Dead
More stars anxiously await their turn
I WAS GOING TO BE A TRUMP VOTER
wrinkled flag for "traitors"
@adrenogate | adrenogate.wordpress.com

PASTEBIN | A GUEST ▫ MAR 16TH, 2020 ▫

1. This morning, at 4:30AM, the Prime Minister was served a criminal indictment by the US for corporate & financial crimes. Media owners were instructed to historically brainwash everyone that PM has Corona Virus with his wife and that they wont be leaving their house for a while.

Exhibit 51.2

2. Tom Hanks was arrested 48hrs ago for Pedophilia and he is currently being kept in a Hotel room in Australia refusing to fly back to USA. Next celebrity arrests will be Celion Dion, Madonna, Charley Barkley, Kevin Spacey – all will claim Corona virus infections.
3. Italy's airports have been completely shut down as over 80 of Vatican and financial officials have been served same criminal indictments for financial crime, pedophilia, child trafficking and sex abuse.
4. United Emirates have completed mass arrests of their own Royal Family & affiliates.
5. Convicted Hollywood rapist Harvey Weinstein agreed to a deal in exchange for his testimony against hundreds of top Hollywood celebrities and their involvement in the drug business, pedophilia and child trafficking. Instead of 55 year sentence, he only received 23y sentence. In exchange, he provided testimonies against some of the biggest & most powerful names including Prince Andrew of UK, former president Bill Clinton, former vice president Joe Biden, Tom Hanks, Oprah, Ellen DeGenerous, Quentin Tarantino, Charlie Sheen, Bob Saget, Kevin Spacey, John Travolta, Steven Spielberg, Podesta, NXIVM and PIZZAGATE sex trafficking clubs, and hundreds of more who all were directly involved with Jeffrey Epstein. In exchange of Jeffrey Epstein's testimony, he was allowed to make a deal and have his suicide in prison faked.
6. CEOs of some major world corporations have been indicted/arrested and some forced to resign all in the last 30-60 days, such as CEO of NBA, Harley Davidson, Gates Foundation, Intel, McDonald's, Cesar Awards, Vatican Chief of Police, Disney..etc Approximately 700-800 more resignations are coming in the next 3 months.
7. Lab-created Corona Virus is a cover up for mass mandatory vaccination agenda, as well a covert US Intelligence operation that the world has ever seen and this mass 158,000 arrest operation will remove & capture the biggest evil & corrupted politicians, celebrities and CEOs including global elites and bankers such as George Soros, UN officials, founders of GRETA INC.
8. Trump will win 2020 elections and arrests of former US presidents will occur in early 2021. All major arrests will be covered by media as an accident or conspiracy theory. All arrested individuals will be given "Rommel Death" meaning choice between suicide/accidental death in return for assurances that his/her reputation will remain intact, or face criminal trial that would result in public disgrace.
9. Some top religious leaders will be arrested or forced to resign, some will get "Sick" suddenly. Vatican will be the first and the Pope will be removed in 2020. Production of human extracted Adrenochrome will be revealed and Hollywood and Vatican will be directly responsible for it.

Exhibit 51.3

10. Coming up there will be a 2 month complete shut down of the worlds most common operations such as schools, stock exchange, some Banks, airports, shipping, travel, events, galas, expos, sport games, sport championships, music award ceremonies, NBA/NHL/Baseball games, ship cruises including food shortage and staged electricity power loss. Gas prices will go down, food costs will go up, insurance will go up, Gold/silver stocks will fall, many corporations will either bankrupt or take a significant financial loss such as whats about to happen to Air Canada, Disney and Coca Cola. H5N1 bird flu will be intentionally released this week out of China.
11. Welcome to the greater awakening. Whats about to happen this summer/fall will change the world's history.
12. — Barrie Mcculloch

This morning, at 4:30AM, the Prime Minister was served a criminal indictment by the US for corporate & financial crimes. Media owners were instructed to historically brainwash everyone that PM has Corona Virus with his wife and that they wont be leaving their house for a while.

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Italy's airports have been completely shut down as over 80 of Vatican and financial officials have been served same criminal indictments for financial crime, pedophilia, child trafficking and sex abuse.

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Exhibit 52.0

Cour
Pénale
Internationale

International
Criminal
Court

Rome Statute of the International Criminal Court

Exhibit 52.1

PART 2.
JURISDICTION, ADMISSIBILITY AND APPLICABLE LAW

Article 5[1]
Crimes within the jurisdiction of the Court

The jurisdiction of the Court shall be limited to the most serious crimes of concern to the international community as a whole. The Court has jurisdiction in accordance with this Statute with respect to the following crimes:

(a) The crime of genocide;

(b) Crimes against humanity;

(c) War crimes;

(d) The crime of aggression.

Article 6
Genocide

For the purpose of this Statute, "genocide" means any of the following acts committed with intent to destroy, in whole or in part, a national, ethnical, racial or religious group, as such:

(a) Killing members of the group;

(b) Causing serious bodily or mental harm to members of the group;

(c) Deliberately inflicting on the group conditions of life calculated to bring about its physical destruction in whole or in part;

(d) Imposing measures intended to prevent births within the group;

(e) Forcibly transferring children of the group to another group.

Article 7
Crimes against humanity

1. For the purpose of this Statute, "crime against humanity" means any of the following acts when committed as part of a widespread or systematic attack directed against any civilian population, with knowledge of the attack:

(a) Murder;

(b) Extermination;

(c) Enslavement;

(d) Deportation or forcible transfer of population;

(e) Imprisonment or other severe deprivation of physical liberty in violation of fundamental rules of international law;

(f) Torture;

(g) Rape, sexual slavery, enforced prostitution, forced pregnancy, enforced sterilization, or any other form of sexual violence of comparable gravity;

(h) Persecution against any identifiable group or collectivity on political, racial, national, ethnic, cultural, religious, gender as defined in paragraph 3, or other grounds that are universally recognized as impermissible under international law, in connection with any act referred to in this paragraph or any crime within the jurisdiction of the Court;

(i) Enforced disappearance of persons;

(j) The crime of apartheid;

(k) Other inhumane acts of a similar character intentionally causing great suffering, or serious injury to body or to mental or physical health.

---

1 Paragraph 2 of article 5 ("The Court shall exercise jurisdiction over the crime of aggression once a provision is adopted in accordance with articles 121 and 123 defining the crime and setting out the conditions under which the Court shall exercise jurisdiction with respect to this crime. Such a provision shall be consistent with the relevant provisions of the Charter of the United Nations.") was deleted in accordance with RC/Res.6, annex I, of 11 June 2010.

Exhibit 52.2

2. For the purpose of paragraph 1:

   (a) "Attack directed against any civilian population" means a course of conduct involving the multiple commission of acts referred to in paragraph 1 against any civilian population, pursuant to or in furtherance of a State or organizational policy to commit such attack;

   (b) "Extermination" includes the intentional infliction of conditions of life, *inter alia* the deprivation of access to food and medicine, calculated to bring about the destruction of part of a population;

   (c) "Enslavement" means the exercise of any or all of the powers attaching to the right of ownership over a person and includes the exercise of such power in the course of trafficking in persons, in particular women and children;

   (d) "Deportation or forcible transfer of population" means forced displacement of the persons concerned by expulsion or other coercive acts from the area in which they are lawfully present, without grounds permitted under international law;

   (e) "Torture" means the intentional infliction of severe pain or suffering, whether physical or mental, upon a person in the custody or under the control of the accused; except that torture shall not include pain or suffering arising only from, inherent in or incidental to, lawful sanctions;

   (f) "Forced pregnancy" means the unlawful confinement of a woman forcibly made pregnant, with the intent of affecting the ethnic composition of any population or carrying out other grave violations of international law. This definition shall not in any way be interpreted as affecting national laws relating to pregnancy;

   (g) "Persecution" means the intentional and severe deprivation of fundamental rights contrary to international law by reason of the identity of the group or collectivity;

   (h) "The crime of apartheid" means inhumane acts of a character similar to those referred to in paragraph 1, committed in the context of an institutionalized regime of systematic oppression and domination by one racial group over any other racial group or groups and committed with the intention of maintaining that regime;

   (i) "Enforced disappearance of persons" means the arrest, detention or abduction of persons by, or with the authorization, support or acquiescence of, a State or a political organization, followed by a refusal to acknowledge that deprivation of freedom or to give information on the fate or whereabouts of those persons, with the intention of removing them from the protection of the law for a prolonged period of time.

3. For the purpose of this Statute, it is understood that the term "gender" refers to the two sexes, male and female, within the context of society. The term "gender" does not indicate any meaning different from the above.

Article 8[2]
War crimes

1. The Court shall have jurisdiction in respect of war crimes in particular when committed as part of a plan or policy or as part of a large-scale commission of such crimes.

2. For the purpose of this Statute, "war crimes" means:

   (a) Grave breaches of the Geneva Conventions of 12 August 1949, namely, any of the following acts against persons or property protected under the provisions of the relevant Geneva Convention:

      (i) Wilful killing;

      (ii) Torture or inhuman treatment, including biological experiments;

      (iii) Wilfully causing great suffering, or serious injury to body or health;

      (iv) Extensive destruction and appropriation of property, not justified by military necessity and carried out unlawfully and wantonly;

      (v) Compelling a prisoner of war or other protected person to serve in the forces of a hostile Power;

      (vi) Wilfully depriving a prisoner of war or other protected person of the rights of fair and regular trial;

2 Paragraphs 2 (e) (xiii) to 2 (e) (xv) were amended by resolution RC/Res.5 of 11 June 2010 (adding paragraphs 2 (e) (xiii) to 2 (e) (xv)).

Exhibit 52.3

18 U.S. Code § 2441. War crimes

U.S. Code Notes

(a) OFFENSE.—
Whoever, whether inside or outside the United States, commits a war crime, in any of the circumstances described in subsection (b), shall be fined under this title or imprisoned for life or any term of years, or both, and if death results to the victim, shall also be subject to the penalty of death.

(b) CIRCUMSTANCES.—
The circumstances referred to in subsection (a) are that the person committing such war crime or the victim of such war crime is a member of the Armed Forces of the United States or a national of the United States (as defined in section 101 of the Immigration and Nationality Act).

(c) DEFINITION.—As used in this section the term "war crime" means any conduct—

(1) defined as a grave breach in any of the international conventions signed at Geneva 12 August 1949, or any protocol to such convention to which the United States is a party;

(2) prohibited by Article 23, 25, 27, or 28 of the Annex to the Hague Convention IV, Respecting the Laws and Customs of War on Land, signed 18 October 1907;

Exhibit 53.0

White House petition to investigate Bill Gates for 'crimes against humanity' surpasses 380,000 signatures

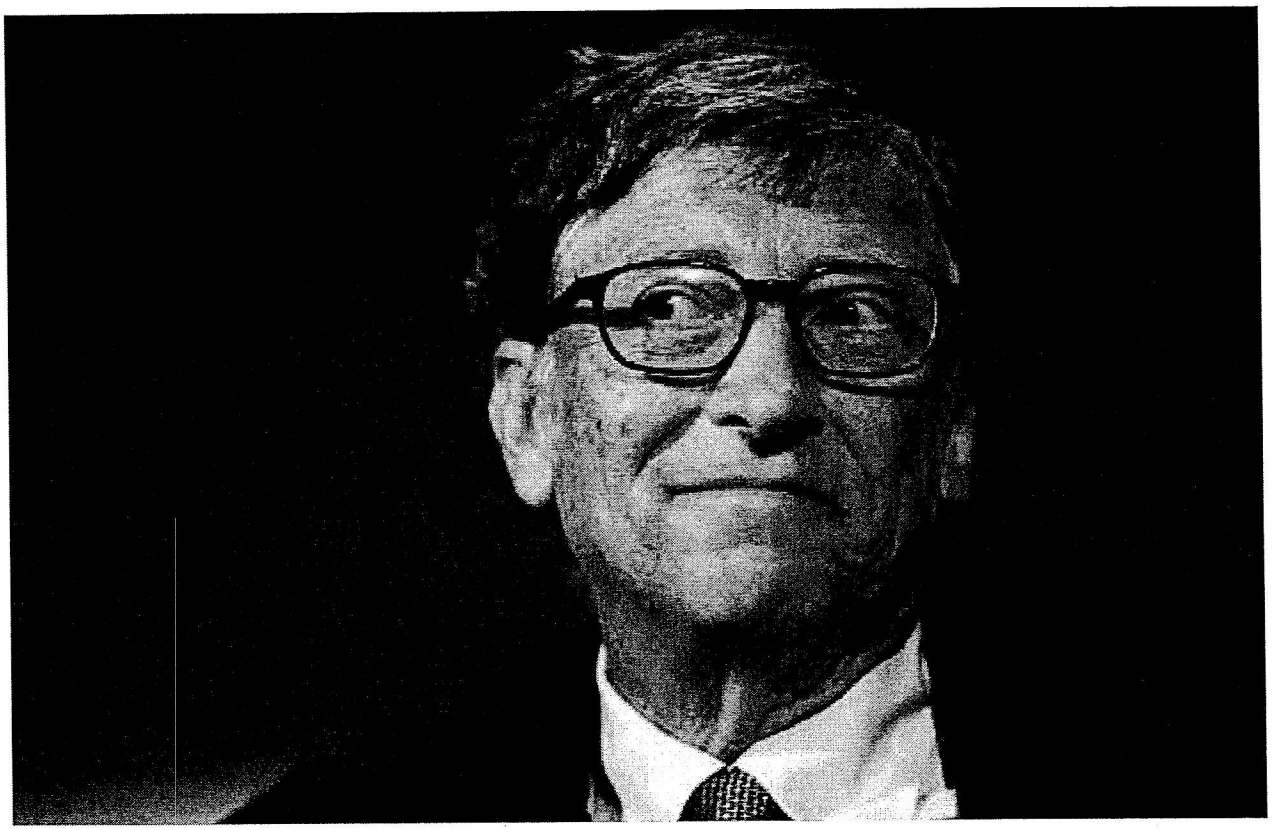
hangthebankers.com/white-house-petition-investigate-bill-gates-signatures/

April 21, 2020

A petition to investigate Bill Gates for "crimes against humanity" and "medical malpractice" has gained a staggering 380,000 signatures from concerned citizens, almost tripling the number required to get a response from the White House.

The "We the People" **petition** asks the federal government to call on Congress to investigate the Bill and Melinda Gates Foundation, stating that "Congress and all other governing bodies are derelict in duty until a thorough and public inquiry is complete."

The petition created on April 10 reached the threshold of 100,000 signatures within days and is currently one of the most popular petitions on the site.



As the White House's "We the People" website explains, the petition platform empowers every American citizen "to become an agent of change" – and, if a petition gains 100,000 signatures in 30 days, the White House will "make sure it gets in front of the appropriate policy experts".

Exhibit 54

"We the People is a platform that empowers the American public to take this action like never before – it's a way for anybody, anywhere, to speak directly to the government and become an agent for change.

"With We the People, you can easily create a petition online, share it, and collect signatures. If you gather 100,000 signature in 30 days, we'll review your petition, make sure it gets in front of the appropriate policy experts, and issue an official response."

Robert F. Kennedy Jr., the nephew of former President John F. Kennedy, has also sharply criticized Gates for what he describes as a "messianic conviction that he is ordained to save the world with technology."

"Vaccines, for Bill Gates, are a strategic philanthropy that feed his many vaccine-related businesses (including Microsoft's ambition to control a global vac ID enterprise) and give him dictatorial control over global health policy—the spear tip of corporate neo-imperialism," Kennedy Jr. wrote.

"Gates' obsession with vaccines seems fueled by a messianic conviction that he is ordained to save the world with technology and a god-like willingness to experiment with the lives of lesser humans."

Full petition:

We Call For Investigations Into The "Bill & Melinda Gates Foundation" For Medical Malpractice & Crimes Against Humanity Created by C.S. on April 10, 2020

As we look at events surrounding the "COVID-19 pandemic," various questions remain unanswered. On Oct. 18th of 2019, only weeks prior to ground zero being declared in Wuhan, China, two major events took place. One is "Event 201," the other is the "Military World Games," held in none other than Wuhan. Since then a worldwide push for vaccines & biometric tracking has been initiated.

At the forefront of this is Bill Gates, who has publicly stated his interest in "reducing population growth" by 10-15%, by means of vaccination. Gates, UNICEF & WHO have already been credibly accused of intentionally sterilising Kenyan children through the use of a hidden HCG antigen in tetanus vaccines.

Congress & all other governing bodies are derelict in duty until a thorough and public inquiry is complete.

To sign the petition: **click here.**

SOURCE

Exhibit 55

Bill Gates Met With Jeffrey Epstein Many Times, Despite His Past

At Jeffrey Epstein's Manhattan mansion in 2011, from left: James E. Staley, at the time a senior JPMorgan executive; former Treasury Secretary Lawrence Summers; Mr. Epstein; Bill Gates, Microsoft's co-founder; and Boris Nikolic, who was the Bill and Melinda Gates Foundation's science adviser.

By Emily Flitter and James B. Stewart

Published Oct. 12, 2019 Updated Nov. 26, 2019

Jeffrey Epstein, the convicted sex offender who committed suicide in prison, managed to lure an astonishing array of rich, powerful [illegible]

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No Text

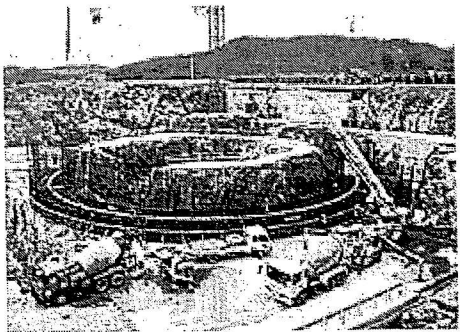
Exhibit 56

Exhibit 57

SWI

Rumsfeld was on ABB board during deal with North Korea

FEB 24, 2003 - 08:51



One of two reactors currently under contruction in North Korea.

(Keystone Archive)

Donald Rumsfeld, the US secretary of defence, was on the board of technology giant ABB when it won a deal to supply North Korea with two nuclear power plants.

Weapons experts say waste material from the two reactors could be used for so-called "dirty bombs".

The Swiss-based ABB on Friday told swissinfo that Rumsfeld was involved with the company in early 2000, when it netted a $200 million (SFr270million) contract with Pyongyang.

The ABB contract was to deliver equipment and services for two nuclear power stations at Kumho, on North Korea's east coast.

Rumsfeld - who is one of the Bush administration's most strident "hardliners" on North Korea - was a member of ABB's board between 1990 and February 2001, when he left to take up his current post.

General Affidavit to Respondant President Hood Harris; AT&T

General Affidavit

From:

Larry; of the family [redacted]
in care of: [redacted] Court
Apartment [redacted]
Louisville, Kentucky Republic, nearby [402[redacted]]
Non-domestic, without the UNITED STATES
Principal and Affiant

To: Attention -
Hood Harris,
Regional President,
Atlantic Telephone and Telegraph (AT&T),
Jefferson County
601 West Chestnut
Room 409
Louisville, Kentucky Republic, [40202]
Respondent

Sent:
Certified Mail Number 7019 1640 0002 2322 2445
General Affidavit
Notice to Agent is Notice to Principal.
Notice to Principal is Notice to Agent.

Notice:

The within named flesh and blood individual (Affiant),
Larry; [redacted], who is domiciled in
Jefferson County, State of Kentucky Republic makes this statement, testimony and General Affidavit under affirmation, in good faith,
and under penalty of perjury, of sincere belief and personal knowledge that the following matters, facts,
and things set forth are true and correct, to the best of his knowledge:

Plain Statement of Facts:
An affidavit not rebutted is stated as Truth in commerce. An affidavit not rebutted after twenty-one (21) days
becomes the judgment in commerce. A truth affidavit, under commercial law, can only be satisfied by truth affidavit rebuttal,
by agreement, by resolution, or under common law rules decided upon by a jury. However, I am calling upon the govenor of Kentucky
Republic to obtain remedy for me as an "authority" sworn to support, protect, and defend my rights if Hood Harris, regional president,
and Atlantic Telephone and Telegraph (AT&T) elect to dishonor this affidavit and presentment for remedy, recourse, and reparations for harm caused.
If Hood Harris, respondent, needs more time to respond you need to inform me at this time.

Statement of Facts:

1. I claim it is my intent in doing the following is not for the welfare of myself but for my fellow kentuckians who are unaware of what is and

has been taking place without their full knowledge and consent within the present De Facto Republic.

2. I claim that I have never willfully consented to Fraud, deception, nor deceit (see Exhibit 32.1) .

3. I claim that there is a maxim in Law which states that "Fraud vitiates/voids everything" (see Exhibit 01.147). I contend that this specifically engineered "fraudulent system" does Not presently afford nor allow remedy nor recourse within the world (see exhibit 32.1) . [Nudd versus Burrows, U.S. versus Throckmorton, Boyce versus Grundy].

4. I claim according to the true original, unadulterated, version of thirteenth amendment to the constitution (see Exhibits 01.141 thru 01.146) that no so-called BAR caring member attorney
is permitted to hold any public office whatsoever as the BAR membership makes these indidivuals non citizens agents with allegiance to a foreign power. If these BAR members do hold an office they have no
valid authority. This includes offices of the senate, congress, the presidency, any judgeship, and/or prosecutor positions. Thus thereby perpetrating fraud and deception on the "due process" of law regarding the established "fraudulent system".

The american civil war then takes on a whole new meaning in regards to BAR member Abraham Lincoln holding the office of presidency and therefore the ongoing diabolical evil plot to usurp the true destiny of the american people.

5. I claim the status of what is known as the "United States" is and has been in a state of War. That the ball presently observed on top of most flag poles in fact represents a Cannon ball and this flag therefore
is Not an Article 4 flag but in fact a War flag (see Exhibit 01.15).

6. I claim there is and has been a world wide genicidal program (a "war against humanity") in place that comprises of microwave cell phone towers and their emitted radiation and is
but just one of the many facets of this ongoing criminal activity to mass murder people for a profit. The attached submitted information and Exhibits are all interelated but does not include everything herein.

7. I claim that there is much more information that I am unable to submit at this time and is interelated to the other aspects of this world wide genicidal program that is in place. However,
I am afraid that if I do not submit this information at this present time that I may never be able to get this information out to the world for its review and further investigation as there is a directional anntenna system that has been placed directly
across the street from my location (see Exhibits 01 thru 04). In addition, I claim I do not necessarily advocate nor endorse all the spokepersons nor internet web sites that I located for evidence regarding the attached Exhibits.

8 I claim it is my intent to file this affidavit with the International Criminal Court in the Hague, Netherlands. However, the question to that court is why have they
allowed such criminals as Henry Kissinger (see counter response Exhibits 49.1 thru 49.3 to Kissinger's "NSSM-200" document) , Bill Gates (see Exhibits 53 thru 56) by way of
the nefarious "Gates Foundation", and Donald Rumsfeld with regards to North Korea nuclear capabilty - (see Exhibit 57), and as Executive Officer of Searl who helped get the
poison "aspratame/donald rumsfeld disease" onto the marketplace to assist in poisoning the public and is actually derived from the excrement of "E. Coli", to freely walk this earth to do it more harm.
How Bill Gates somehow has influenced, through the Gates Foundation, the United Nations (see Exhibit 56). I am still attempting to investigate the International

Criminal Court indictment of "Criminal Charges
against Dr. Joseph Ratzinger, Pope of the Roman Catholic Church on grounds of Crimes against Humanity" [February 14, 2011]. Further, why the introduction of the insecticide poison "sodium flouride" (see Exhibit 17.0)
is systematically being placed inside the municipal water supplies of most cities within North america as part of this world wide genicidal program to cull the population of at least North america?
Further, in regards to "sodium flouride" an extreme case of the "flourine" molecule is the form of "sarin nerve gas". "Sarin nerve gas" is approximately twenty times more deadly than the poison hydrogen "cyanide".

9. I claim, through my prelimanary investigation, I have obtained evidence that the "coronavirus" is and
has been patented all the way back to [2007] - 72 page patent application number US 7,220,852 B1, assignee The United States of America, Center for Disease Control (see Exhibit 21), and, in addition, patent application US 2017/0216427 A1 (see Exhibit 22). Patent application US 2017/0216427 A1 applicant
is The PirBright Institute (see Exhibit 22). Further becoming United States patent number 10,130,761 [2018] for the PirBright Institute.
The PirBright Institute has been partially funded by the billionare Bill Gates. Bill Gates' father was once head of
"Planned parenthood". There are online videos of Bill Gates stating that the world has to reduce its population/stop population growth. That Bill Gates owned approximately five (05) hundred thousand stock shares of the manufacturer of "Round up", Monsanto, who at one time lost one case with the initial value
of two-hundred and eighty-nine (289) million dollars (see Exhibits 25 and 26) and a one (1) billion dollars initially in regards to causing the cancer Lymphoma upon the Pilliod family (see Exhibit 27).

10. I claim "Bill Gates" is a war criminal/criminal against humanity (see Exhibits 52.3 thru 56). I do Not necessarily advocate nor endorse the internet cite known as "hangthebankers.com" (see Exhibits 53.0 and 54). In particular, Gates advocates inoculation
of indiviuals and now has patent application (WO 2020/060606 A1), via his company "microsoft",
for the roll out of crytocurrency in exchange for a body task which can included receiving unproven, unsafe, vaccines that are intended to be used to alter an individual's fractal antenna DNA in the presence of the lethal
effects of electromagnetic wifi and 5G technology; which are military grade weapons. In my own family's case
vaccines were used to kill my brother iatrogenically; death by healthcare worker (see Exhibit 19.0). Individuals appear to be immune from criminal prosecution through a "engineered" genocidal vaccination program which causes harm and/or death in order to kill/cull
the population of the world while also producing profits. See online video entitled "Who is Bill Gates". Also his predocessor in culling the population of the world Henry Kissinger (see "NSSM-200" Report).

11. I claim the insurance industry will not take the financial risk nor insure against any loss concerning the damage caused by cell phone towers. I cite online video entititled "MUST WATCH What Is 5G How Will 5G Change Your Life Is 5G Wireless Dangerous" attached as
DVD "5G and Microwave Radiation 5G is a Military Grade Weapon".

11. I claim I have evidence going back to the early [1970"s] that the United States Navy military were reporting, and had knowledge, of the hazardous effects of radio and microwave radiation being unsafe (see Exhibits 6.3 thru 6.15).
I have unsubstatiated evidence that this information was known all the way back to World War II. Therefore, plausible deniability will Not work in this case of the personnel of Atlantic Telephone and Telegraph (AT&T) stating they have no knowledge of the
ill effects of radio and microwave radiation. That is, it has been just disclosed to the regional president of Atlantic Telephone and Telegraph (AT&T) corporation.

Again, see Exhibits 6.3 thru 6.15 . Hood Harris and Atlantic Telephone and Telegraph (AT&T)
may claim they did not know it then but by me disclosing these facts they are aware of it now and will be guilty of war crimes/crimes against humanity if they do not begin
removing such lethal and deadly devices and objects that causes harm to flesh and blood individuals and also to plants and animals within the environment in regards to these cell phone towers which have been placed to operate (see Exhibits 01.01 to 01.07 and 04.1 to 16.2)

12. I claim that DNA is a "Fractal Antenna" which is not suited for the bombardment of electromagnetic frequencies; in particular from cell phone towers (see Exhibits 6.23 to 6.24) .

13. I claim that there is information which state that cell phone towers, and particular 5G, is assisting in propagation and spread
of what is known as the "cornavirus/COVID-19" through what is refered to as "electroportation" in opening up, making host cellular membranes
permeable to foreign DNA/RNA without the need for physical innoculations through propagated electromagnetic microwave frequencies. Even though Exhibits 22.2 thru 22.91 was "retracted" from publication the Exhibits demonstrate the possibile interaction between
electromagnetic radiation and "undisclosed" chemical and biological weapons being distributed within the environment. For example, see online video entitled "Shocking Truth about Cereal Exposed (Must See) 2012".

14. I claim that I have personally encountered five (05) individuals who have informed me, after I showed them the above patented "coronavirus", they disclosed that the "coronavirus" was
published during the [1980's] and foretold within a book entitled "The Eyes of Darkness" by Dean Koontz and is known within this book as "Wuhan-400" versus in actual reality the "COVID-19" (see Exhibit 22.12). This book is alledegedly selling between two (2) to four (4) thousand dollars a copy. Again, I can not substantiate this at this time, yet, because I have lost time to do further investigative research on this
subject due to everything appearing to be intentionally shut down in order to disrupt the evidence of those who are perpetrating this engineered Fraud as was previously done during what would be described as an engineered/orchestrated "depression" of the [1930's].

15. I claim United states Code Title 50 chapter 32 section 1520 (b)(1) - (see Exhibit 17.1-17.2) is in fact a War Crime and crime against humanity and violates both the Geneva convention and the Nuremberg code/treaty (see Exhibits 19.1-19.6) .
I further claim U.S.C. Title 50 section 1520 was allegedly repealed in order to cover up the fact it is a War Crime and was never revealed/disclosed to the american public that they were being used as science experiments without their full Knowledge and consent.
I claim even though this code does not include such things as electromagnetic (EM) weapons it is still categorised as form of torture, injury, and murder as War Crimes especially concerning people who have never received
Full disclosure that they are being experimented upon without their full knowledge and consent.

14. I claim Hood Harris and Atlantic Telephone and Telegraph corporation (AT&T), in Louisville, Kentucky Republic, are presently both War Criminals in commiting crimes against humanity through conducting such experiments on the
effects of Electromagnetic frequencies, non-ionizing, radiation on unsuspecting flesh and blood individuals
without their full knowledge and consent. I cite United States Code Title 28 section 3002 (15)(a); that the United States is a corporation (see Exhibit 33) that is presently unknown to the general public. The "War" is that the "United States" corporation is Not a country nor a nation but, in fact, a privately held monopoly corporation, a undisclosed monopoly anti-trust plantation, that 14th amendment

slaves are never suppose to
comprehend nor have knowledge of they are enslaved upon. This plantation corporation is not owned by the american people, but by a undisclosed foreign agent power/entity/state being perpetrated as a counterfeit de facto country and/or nation.

16. I claim the news media are co-conspirators in this engineered deception of which full disclosure to the general populace of the world has still not
been rendered. The news media will be held accountable for this non-disclosure and willfull plot to deceive the population that the united states of America has been infiltrated and diabolically usurped into an undisclosed corporation
(see United States Code Title 28 section 3002 (15)(A) - the United States is a "corporation"(see Exhibit 33)). A corporation is something someone owns. It therefore is Not a soveriegn government. I claim the American people do
Not know or own this corporation of the "United States".

17. I claim "The Secret Covenant" (see Exhibit 18.3), first and second sentences and also sixteen and nineteenth sentences as my proof of a conspiracy to murder populations by stealth. Rhetorically, who then owns the "United States" corporation. I claim it to be an undisclosed corporation slave planatation.
When is full disclosure going to be made that these 14th amendment slaves are on a undisclosed privately held corporation slave plantation? [Rubenstein versus Collins, U.S. versus Dial, Nudd versus
Burrows, McNally versus U.S., Boyce versus Grundy, U.S versus Throckmorton].

18. I claim and now invoke the Nuremberg code/treaty (see Exhibits 19.1-19.6) and the Geneva convention that I have not given the regional president, Hood Harris, and Atlantic Telephone and Telegraph (AT&T) consent to experiment upon me.
Therefore I claim you are War Criminals.

19. I claim what is known as "The Secret Covenant" (see Exhibits 18.1-18.3) is in fact true and is being used to poison, injure, mame, and kill the general population of the world.
In addition to this "Secret Covenant" I cite United States Code Title 50 chapter 32 section 1520 (b)(1) as being an undisclosed War Crime as no consent has been given, and that is why it was repealed to cover up the fact of being a War Crime
in addition to having no reparations offered, which therefore makes "The Secret Covenant" in fact true.

20. I claim I have viewed a copy of the video known a "Vaxxed" regarding the true nature concerning vaccinations and the engineered Fraud and deception perpetrated by Center for Disease Control and its
employees, assignee to the [2007] "cornavirus" patent number US 7,220,852 B1 (see Exhibit 21). In order to obtain a vaccine an organism must first be grown/cultured in order to produce a less
lethal/virulent form of the organism. I will contend vaccines are a biological warfare agent.

21. I claim I witnessed the front page headline, from The New York Times, on [April 11, 2020], stating Britons Burn Cell Phone Tower under False Theory of Virus; which approximtley 30 days
prior I read about "electroportation" concerning the coronavirus genetic information across a host's cellular membranes without the need for physical innoculations.

22. I claim that Hood Harris and Atlantic Telephone and Telegraph 5G and cell phone towers are assisting in propagating the "cornavirus" and/or making people sick in general to help install a much more
sinister "fraudulent system". I then ask when is the govenor of Kentucky Republic going to announce and implement a moratorium on the Bank cartels receiving mortages and automobile "payments"
in regards to the economic welfare and my fellow Kentuckians of the Republic? If not, then when is the govenor of the Kentucky Republic going to announce, and instruct, that everyone, who has a birth

certificate has, in fact, an exemption account on any "charges", including criminal - except murder, thus discharging any obligations of any sort of presentments by way of their "Cestui Que Vie" trust
exemption account (see Exhibit 41.1 and 41.2). [Donnelly versus Dechristoforo, U.S. versus Dial].

23. I claim that if the govenor of the Kentucky Republic does not immediately act upon the preceeding and foregoing information and cited Exhibits within this affidavit I will demand the following to protect my and my fellow Kentuckians's and eventually the rights
of the people of this world, by way for example the Freedom of Information Act, the govenor produce their
A.)"oath of office", B.) surety/indemnity bond that indemnifies them against any claim of harm, C.) their antibribery statement, D.) Foreign Agent Registration Act Statement especially if they are an BAR caring member/attorney (see Exhibits 01.09 and 01.10)
E.) 4506-A Internal Revenue Service governmet exemption form (see Exhibit 01.11). This will suffice in order to initiate the authentication/verification of my claim if they are
of an ongoing conspiracy to defraud, murder, obstruct justice, and commit treason against me and my fellow americans. I claim I am going to do this because I challenge
that the so-called "authorities" are Not in fact "authorities" but are imposters impersonating "authorities" as they lack the necessary credentials/documentation that make them "public authorities".
[Cooper versus Aaron, U.S. versus Horton R. Prudden, Redfield versus Fisher].

24. I claim I have Not willfully consented to being used as a "science/medical experiment" regarding Microwave cell phone towers and/or directed antenna systems (D.A.S.)
propagated by Atlantic Telephone and Telegraph (AT&T) and its employees within Louisville, Kentucky Republic; where I am presently domiciled. I do Not consent to being dosed with Electromagnetic frequencies, non-ionizing, radiation each and everyday by Atlantic Telephone and Telegraph (AT&T) antenna systems.

25. I claim it is disrupting my sleep pattern; reducing my melatonin levels thus lowering my ability to stave off cancers, causing me to have muscle spasms, causing me to have burning and numbness of my extremeties, nausea and dizzeness, and prematurely aging by literally "cooking me like a hotdog" with this emitted microwave radiation,
whether it be high or low level intensity, in which has been verified as being tested safe for flesh and blood individuals. I have Not consented nor agreed to being exposed to
such frequencies and radiation. I cite attached video Exhibit "5G and Microwave Radiation 5G is a Military Grade Weapon" and Exhibits 10.0 thru 10.6, 13, 15.0 thru 15.2 and 16.0 thru 16.2 .

26. I claim Hood Harris and Atlantic Telephone and Telegraph (AT&T), by non-disclosure, constitutes grounds of constructive fraud, concealment, and non-disclosure of pertinent facts concerning the health effects of cell phones, cell phone towers, and directed antenna systems (D.A.S.)
upon flesh and blood individuals such as myself and the general public.

27. I claim I have Not consented to the trespass of my air rights in regards to Hood Harris and Atlantic Telephone and Telegraph (AT&T) propagated microwave frequencies.

28. I claim the Microwave frequencies and radiation have Not been independently tested, and substatiated by proven facts to be safe by Atlantic Telephone and Telegraph and has not provided me
with written documentation that I can independently verify as in fact true.

29. I claim Hood Harris and Atlantic Telephone and Telegraph (AT&T) propagated

microwave frequencies are being used to disrupt and damage my "fractal antenna" DNA; which I am now witnessing in the form of many grey hairs and wrinkles that I did not have a few months ago.

30. I claim the microwave towers are killing trees and plants in and around the building I am presently domiciled in (see Exhibits 04.1 thru 04.4) .

31. I claim I am now exhibiting symptoms what is known as "Microwave Illness", "Radio Frequency Sickness", or "EMF Health Problems" (see Exhibits 6.0-6.2, 13, and 16.1).

32. I claim Hood Harris and Atlantic Telephone and Telegraph have not provided me with resource funds to purchase an EMF/microwave leak detector meter in order that I may independently monitor the Electromagnetic frequency levels that my flesh and blood body are being constantly exposed to which they are propagating.

33. I claim Hood Harris and Atlantic Telephone and Telegraph have installed a Directed Antenna System (known as "AT&T Mobility Site KYLVL-2" see Exhibits 01, 02, 03, and 04) at Juneua Drive, Louisville, after I was already domiciled across the street, without my willfull written consent, in order to experiment upon me with, unproven, unsafe electromagnetic/microwave radiation frequencies.

34. I claim Hood Harris and Atlantic Telephone and Telegraph (AT&T) are propagating frequencies with the intent to "sterilise" at least some of the population within the immediate area in willful disregard to the public's full knowledge and consent, similar in respects to earlier times that the German Nazis began to do and later developed into their euthanasia program.
I state this because I have provided Hood Harris and Atlantic Telephone and Telegraph with evidence concerning the non-repealed version of "United States Code Title 50 chapter 32 section 1520 (b)(1)"; a undisclosed War Crime upon the american public, "The Secret Covenant", and the "Nuremberg Code/Treaty". The Nuremberg Code/Treaty, see Exhibits 19.1-19.6, was used to execute War Criminals who experimented upon flesh and blood individuals without the target's consent that led to the target's injury and/or death. Further, it may be construed that Hood Harris and Atlantic Telephone and Telegraph are willfully committing War Crimes against Humanity/society under the deceptive guise of purported benificial technology - making telephone calls and internet usage.
I have Not given Hood Harris nor Atlantic Telephone and Telegraph consent to microwave/cook and/or oxidatively stress my tissues with Microwave radiation frequencies propagated by Atlantic Telephone and Telegraph.
If I have done so then provide me with such written agreement that I have willfully and knowlingly signed and agreed to be such an experiment.

35. I claim that I have partial information, included in video Exhibit "5G and Microwave Radiation 5G is a Military Grade Weapon", that "5G" is derived from military technology known as "active denial technology" and it may be associated with what is known as the spread of the "coronavirus" by what is known as "electroportation" in allowing cell membranes to become permeable/porus to foreign DNA and/or RNA materials thus bypassing conventional physical "innoculations" .

36.I claim that "electropollution"/"electrosmog", through propagated electromagnetic radiation frequencies, is just another form of poisoning for the genocidal program that exists against the american people, who are considered as enemies of the state, in order to cull the population without their Full knowledge and consent while generating profits.

37.I claim that this is part of a miriade of a constellation of poisonings either by water, food, and further now by air and/or electromagnetic airwaves/frequencies. I cite the poisonings of the Monsanto round-up herbacide cases which

has not been revealed that genetically modified foods have been modified in order that the plants do not die as they are filled with "round-up" herbacide. I claim that "sodium flouride", which has been added to the municipal water supply, and tooth paste contains a poison warning which is in fact an insecticide to poison cockroaches (see Exhibits 17.0 and 42) . Why then would the so-called "authorities" allow
cockroach insecticide poison to be added to the municipal drinking water supply in the guise of making teeth stronger? I claim that during the
early [1990's] when I initially learned what was being actually perpetrated upon the world I attempted to sue the American Medical Association for "murder" by way of its genicidal extermination program for people without the need for any War
under the guise of "helping" people. I went to apporoxmiately eight to nine attornies in the early [1990's] and none would take the case because this would expose the culling of the population by means of "iatrogenic injury and/or death" - third leading cause of death (see Exhibit 19); between two hundred thousand and seven hundred thousand deaths are culled by health care workers evidenced now by a online search.

38. I claim I witnessed the front page headline from The New York Times, on [April 11, 2020], stating Britons Burn Cell Phone Tower under False Theory of Virus; which I saw approximtley 30 days
prior concerning "electroportation" of the coronavirus across host cellular membranes without the need for physical innoculations.

39. I claim I have attached the following videos Exhibits and some may still be available online which has not yet been removed and/or censored, under United States Code Title 17 section 107 for educational purposes,
attached DVD entitled "5G and Microwave Radiation 5G is a Military Grade Weapon" , in order to substantiate my claim of harm, that microwave towers are also being used to experiment upon people and violates their rights by several means because full disclosure/knowledge and written consent
has not been given to those who are being experimented upon thus being a war crime:

"MUST WATCH What Is 5G How Will 5G Change Your Life Is 5G Wireless Dangerous"
"This will Burn You Alive"
"Microwave Magnetron Death Ray Gun"
"Microwave weapons Basics (Targeted Individuals) (Stop 007)"
"They Do Not want you to see This! Cell Phone Towers Exposed!"
"UHF Microwave gun"
"Shocking Truth about Cereal Exposed (Must See) 2012"
"Barry Trower on 5g at Exeter, England phoeinix"
"5G problems and solution corbett report"

"Who is Bill Gates - documentary" - available online but not included in attached Exhibits.

40. I claim according to the attached video "Shocking Truth about Cereal Exposed (Must See) 2012" the metal filings now contained within "enriched food" is the means for "cooking"
people's tissue the same way as placing metalic objects within a microwave "radar" oven. Not to such a apparent degree as this would raise suspisions for a large number of people to become aware
of concerning this form of murder and harm in regard to the proximaty to cell phone towers and their radiation. Some people may notice their gums have been sliced/cut as if they have eaten broken glass. These are the metal filings that are within the "enriched food".

41. I claim that there are two military documents which state all the way back to [1971] microwave radiation is hazardous to animals and the dangers of microwaves have been known all the way
back to World War II. See Exhibits 6.2 thru 6.22 .

41. I claim DNA, in the presence of electromagnetic fields, act as "Fractal

Antennas" and can be damage in the presence of these electromagnetic fields (see Exhibits 6.23 and 6.24).

42. I claim there is now in the world synthetically produced organisisms that are and have been weaponised, including the species "mycoplasma", which among other things cause "cancer",
see exhibits 31.1-31.6 and 32, and are enhanced by oxidative stress caused by the propagated electromagnetic frequencies from microwave cell phone towers and cellular telephones.

43. I claim that, for example, the Craig Venter Institute can produce synthetic lifeforms/organsims now (see Exhibits 28.1 to 28.2, 29, 30.1 to 30.2, 31.1 to 31.6 and 32). Extrapolate this and convert
to weaponised Mycoplasma Incognitus species in conjunction with electromagnetic weapons and frequencies. I have partially researched what appears as a synthetic life form disease known as "Morgellons disease".
I have not mentioned "nanobots" nor "military smart dust" in association with these propagated electromagnetic radiation frequencies.

44. I claim my question then becomes - what is the difference between what Hood Harris and Atlantic Telephone and Telegraph (AT&T) are doing with propagated Microwave Frequencies and what the soviet union did
to the united state's of America Embassy personnel in Moscow in bombarding them with Microwave radiation frequencies? This is refered to
as the "Lilienfeld study"; see Exhibit 6.0, 6.1, and 7.93 . Also, radar operators who were exposed to microwave frequencies who then developed cancers (see Exhibit 7.6) . Further, what is the
difference of what Atlantic Telephone and Telegraph is doing in non-disclosure and what Bernard L. Madoff did concerning his sixty-five (65) billion dollar ponzi scheme to commit Fraud upon the general public?
I claim the only difference between the two is one causes economic death and the other causes physical death. Further, I claim Bernard L. Madoff was made president of NASDQ in order to assist in making
his fraudulent scheme believable to the general public. Bernard L. Madoff release date is [2139] (see Exhibit 44) .

45. I claim I am being and have been incurring accelerated damage/harm and pain that I did Not have previously have prior to the installation of Atlantic Telephone and Telegraph's
Directional Antenna System (D.A.S.) on Juneua Drive Louisville, Kentucky Republic (see exhibits 01, 02, 03, 04). Hood Harris and Atlantic Telephone and Telegraph have the opportunity to make me an offer on the physical pain and damage that you have caused me in which I have Not given you written consent to. Otherwise, I will later provide you with my fee schedule for the pain and damage
that you have caused to me in pursuit of having established yourselfs as being a War Criminals in not stopping your present activities of unatural, harmful, electromagnetic propagations. I do Not consent to deception nor Fraud.

46. I claim my grandmother was descended from Revolutionary War General Nathanael Greene; who initially began fighting in the american Revolution in an attempt to throw off tryranny. I claim some people are able to
see this similarity and some people can not - (see Exhibit 43) .

48. I claim that I am giving the regional president Hood Harris and Atlantic Telephone and Telegraph the opportunity to give me remedy/relief and reparations for this harm. I am also providing this information to Andy Beshear,
Govenor of Kentucky Republic, 700 Capitol Avenue, Suite 100, Frankfort, Kentucky Republic, nearby [40601] in regards in protecting me and therefore to the general population of Kentucky Republic. If Hood Harris and Atlantic Telephone and Telegraph (AT&T)
chooses Not to give me immediate remedy/relief and dishonor this affidavit and presentment I will demand the govenor of Kentucky Republic initiate criminally prosecution upon, Hood Harris, President, and Atlantic Telephone and Telegraph as

criminal conspirators to commit genocidal murder, injury,
and harm by way of electromagnetic weapons being used under the guise of cellular phones and cellular phone towers.
If the govenor of Kentucky Republic chooses Not to defend, support, and protect my rights, along with my fellow kentuckians, I will challenge the govenor's "delegation of authority" by demanding they produce their A.) "oath of office", B.)"performance/revenue/surety bonds", C.) and according to the the "anticorruption act of 1938" provide me with their "antibribery statement" and "foreign agent registration act statement" (see Exhibits 01.08 thru 01.10) along with their "4506-A" Internal Revenue Service governmental exemption form (see Exhibit 01.11) in order to validate/authenticate their so-called "authority".
If the govenor does Not have this documentation or that these documents are not in proper order this will be
proof/evidence that they are also violating All individual's rights by aid and abetting and/or committing War Crimes/crimes against humanity, murder, treason, bribery, obstruction of justice, rackettering, and conspiracy to deFraud, upon myself
and my fellow Kentuckians, in the guise of protecting peoples' rights through impersonation as a "public authority". Fraud is a crime. Bernard L. Madoff is doing approximately one hundred and twenty years for the fraud he perpetrated upon society.

49. I claim that if I befall some fatal accident or some such other particular thing it is Not by my doing but by design of those who I have confronted with these Exhibits and Affidavit claim of harm. I
further claim I have also provided this undisclosed information to the general population of the world for their investigation and review and if anything nefarious happens to me I will this damage claim to whomever will take up
this cause and pursue it to its fullest remedy and recourse extent for all Kentuckians and members of the Republic of the united states of America.

50. I claim that I have Not notorized this document as I have come across information that it may be considered as a counter-deed which nulifies my claim of harm through the fraud and deceit being perpetrated upon the society of this world.

51. I claim that I have not had anyone witness my signature to this document as to put them in to harms way by the sinister and nefarious dealings of this world. My signature can be verified from my past
previous "official" documents that I have had to sign in the past that one may go research. If I were in solitary confinement I would not be unable to have my signature witnessed properly. I claim I consider myself in solitary confinement in regards to access to the "truth" as no truth exists within this present engineered "fraudulent system" (see Exhibits 01.141 thru 01.146 as an example).

52. I claim I have chosen the govenor of Kentucky Republic to honor my affadavit and presentment in order to protect my rights against in case the regional president, Hood Harris of Atlantic Telephone and Telegraph elects to dishonor in giving me remedy, recourse, and reparation for their harm caused.

53. I claim I have provided the attached Exhibits under United State Code Title 17 section 107 - Fair use for educational purposes in order to inform the general population of the world.

As the documentation I have here with provided I am stating a claim upon which relief/remedy may be granted to the following: failure to give notice/disclosure, design defect, negligence, harm, premature Death, and conspiracy to deFraud. I demand Hood Harris and Atlantic Telephone and Telegraph immediately turn off and totally remove All Directed Antenna System (D.A.S.), frequencies, and the propagating equipment that I am being exposed to across the street
on Juneau Drive, Louisville, Kentucky Republic. Turn off and totally remove All equipment and Microwave/electromagnetic frequencies
eminating from any and All cell phone towers located in Louisville, Kentucky Republic immediately.

General Affidavit to Respondant President Hood Harris; AT&T

I have included a copy of this affidavit to:
Fatou Bensouda or Chief Prosecutor of the International Criminal Court, Post Office Box 19519, 2500 CM The Hague, The Netherlands; Brandon L. Van Grack, Director or Acting Director of Foreign Agent Registration Act Unit, United States Department of Justice,
175 N Street, NE, Constitution Square, Washington, District of Columbia [20002] ;
Rick Green, Editor, Courier Journal, P.O. Box 740031, Louisville, Kentucky Republic, nearby [40201];
Robert F. Kennedy, Jr., Chairman, Children Health Defense, in care of: Dafna Tachover, 1227 North Peachtree Parkway, Suite #202, Peachtree City, Georgia [30269];
and to Andy Beshear, Govenor of Kentucky Republic, 700 Capitol Avenue, Suite 100, Frankfort, Kentucky Republic,
nearby [40601] in regards to me and therefore to the general population of Kentucky Republic. If Hood Harris then dishonors my presentment in regards to this affidavit and if then the govenor does not initiate your immediate criminally prosecution I will challenge the govenor's "delegation of authority" and demand they produce their "oath of office", "performance/revenue/surety bonds", Foriegn Agent Registration Act Statement of 1938 (see Exhibits 01.08 thru 01.10), their "antibribery statement", and their "4506-A" Internal Revenue Service governmental exemption form (see Exhibit 01.11) in order to validate/authenticate their so-called "authority".
If they do Not have these documents or that the documents are not in proper order this will be the evidence that this individual lacks the "authority" and is aiding and abetting in committing a constructed Fraud, War Crimes, murder, treason, bribery, obstruction of justice, and racketteringto mention a few upon the american people and that Fraud, War Crimes, crimes against humanity, murder, treason, bribery, obstruction of justice, and racketteringare in fact all crimes.

Exhibits attached:

01.01, 01.02, 01.03, 01.04, 01.05, 01.06, 01.07, 01.08, 01.09, 01.10, 01.11, 01.12, 01.13, 01.14, 01.141, 01.142, 01.143, 01.144, 01.145, 01.146, 01.147, 01.15, 04.1, 04.2, 04.3, 04.4, 01, 02, 03, 04, 5.0, 5.1, 5.2, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.90, 7.91, 7.92, 7.93, 08, 09.1, 09.2, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 11, 12.1, 12.2, 13, 14.0, 14.1, 14.2, 14.3, 15.0, 15.1, 15.2, 16.0, 16.1, 16.2, 17.0, 17.1, 17.2, 18.1, 18.2, 18.3, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 20.1, 20.2, 21, 22, 22.1, 22.12, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 22.91, 23, 24, 25, 26, 27, 28.1, 28.2,
29, 30.1, 30.2, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41.1, 41.2, 42, 43, 44, 45, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 49.0, 49.1, 49.2, 49.3, 50, 51.0, 51.1, 51.2, 51.3, 52.0, 52.1, 52.2, 52.3, 53, 54, 55, 56, 57 .

and

02 DVDs: 1.)"5G and Microwave Radiation 5G is a Military Grade Weapon" and 2.) "EMF Radiation Military Studies": "Naval Medical Research Institute, Bibliography of Reported Biological Phenomena ('Effect') and Clinical Manifestations Attributed to Microwave and Radiofrequency
Radiation, Research Report"; "Defense Intelligence Agency, Biological Effect of Electromagnetic Radiation (Radiowaves and Microwaves), DST-18105-74-76" .

carbon copies to:

Fatou Bensouda or Chief Prosecutor
International Criminal Court

General Affidavit to Respondant President Hood Harris; AT&T
Information and Evidence Unit
Office of the Prosecutor
Post Office Box 19519
2500 CM The Hague
The Netherlands
Sent Registered Mail Return Receipt for International Mail, PS Form 3806

Brandon L. Van Grack
Director or Acting Director of Foreign Agent Registration Act Unit
United States Department of Justice
175 N Street, NE, Constitution Square
Washington, District of Columbia [20002]
Sent Certified Mail Return Receipt Number 7018 3090 0000 5874 4255

Rick Green
Editor
Courier Journal
P.O. Box 740031
Louisville, Kentucky [40201]
Sent Certified Mail Return Receipt Number 7017 3040 0000 2594 3144

Darva Lee Davis, PhD.
Environmental Health Trust
7100 North Rachel Way
Unit 6
Eagle Rest
Teton Village, Wyoming [83025]

Robert F. Kennedy, Jr.
Chairman
Children Health Defense
in care of: Dafna Tachover
1227 North Peachtree Parkway
Suite #202
Peachtree City, Georgia [30269]
Sent Certified Mail Return Receipt Number 7018 3090 0000 5874 4262

Andy Beshear
Govenor of Kentucky Republic
700 Capitol Avenue
Suite 100
Frankfort, Kentucky Republic, nearby [40601]
Sent Certified Mail Return Receipt Number 7019 1640 0002 2322 2148

The respondent hereby has twenty-one (21) days from receipt of this mailing to respond in Honor or rebut in dishonor this affidavit and presentment with evidence to the contrary in regards to the undersigned, a Living Soul Man, or evidence of your tacit agreement shall be memorialized. You will have ten (10) additional days to cure
your Default, or you will have agreed with my claim that you have harmed me and the Republic of Kentucky. Hood Harris and Atlantic Telephone and Telegraph (AT&T also are agreeing
that you are committing War Crimes and crimes against humanity, against Larry; family of [Ellis], and the general population of the Republic of Kentucky, without my prior written consent. Exhibits have been included in this affidavit and presentment for your accounting.
Further, affiant sayeth not!

[This Friday the 13th day of November, 20 20,]
5780 Anno Mundi

General Affidavit to Respondant President Hood Harris; AT&T

Larry; [redacted], without prejudice, All Rights Reserved, signed in Red ink.
Signature of Affiant

==========

State of Kentucky Republic
County of Jefferson
Subscribed and affirmed,
before me on [this Friday the 13th day of November, 20 20
]
5780 Anno Mundi

by Affiant Larry; [redacted], without prejudice, All Rights Reserved, signed in Red ink.

This General Affidavit was created and written by Me, the Living Soul Man, Larry: of the family [redacted],
and is the Truth and Fact within Law to the best of My knowledge.
I affirm that all of the foregoing is true and correct. I affirm that I am competent to make this Affidavit.
I hereby affix my own autograph to all of the affirmations in this entire document with explicit reservation of
all my un-lienable rights and my specific right not to be bound by any "contract" or "obligation" which I have
not entered into knowingly, voluntarily, intentionally, and without misrepresentation, duress, or coercion.
Subscribed and affirmed, without prejudice, and with all rights reserved,
Autographed by Me, Living Soul Man, Larry; of the family [redacted] -

Larry; [redacted], without prejudice, All Rights Reserved, signed in Red ink.
Affiant

[Date: Friday the 13th day of November, 2020]
5780 Anno Mundi

Commercial General Affidavit by Larry; family of [redacted]

RH002544291US

UNITED STATES POSTAL SERVICE®

USPS Customs Declaration and Dispatch Note

- Print in English using blue or black ink.
- Complete all **SHADED** fields before acceptance.
- See the Privacy Notice on the reverse of Copy 4.

SENDER'S INFORMATION

Last Name	Full First Name	MI
[redacted]	Larry	

Business Name *(if applicable)* | Sender's Telephone

Address-1: c/o [redacted] Apt [redacted]

Address-2

City	State	ZIP Code™
Louisville	Kentucky	402[redacted]

ADDRESSEE'S INFORMATION

Last Name	Full First Name	
Bensouda	Fatou	

Business Name *(if applicable)*: International Criminal Court | Addressee's Te

Address-1: Information and Evidence Unit, Office of Prosec

Address-2: P.O. Box 19519 | Postal Code

City	State/Province	Country
2500 CM The Hague	The Hague	The Neth

SHIPMENT INFORMATION

Category of Items *(Check all that apply)*

☐ Document ☐ Commercial Sample ☐ Merchandise ☐ Dangerous Goods
☐ Gift ☐ Returned Goods ☐ Humanitarian Donation ☐ Other

Detailed Description of Contents (Enter only one item per line)	3. Quantity	4. Net Weight (Ea) Lbs.	Oz.	5. Val U.S
Documents-Evidence over 100 pages	02			
2 Blank CD Disks				
6. Total				

Form **2976-R**, April 2016 PSN 7530-17-000-7992 IMPORTANT: This packa

SHIPMENT INFORMATION (CONTINUED) — BOXED AREA IS FOR USPS-USE ONLY

USPS Official Use	USPS Corporate Account	EMS Scheduled Delivery Date
		/ /

Total Postage/Fees (U.S. $) | Insured Value (U.S. $) | Insured Fee (U.S. $)

Registered No. RH002544291US

Date Stamp

LETOWN, KY 40243 0043 001 NOV 14 2020

To Be Completed By Post Office

Postage $ $39.00	Extra Services & Fees (continued) ☐ Signature Confirmation $____ ☐ Signature Confirmation Restricted Delivery $____
Extra Services & Fees $16.00 ☐ Registered Mail $____ ☐ Return Receipt (hardcopy) $ $4.15 ☐ Return Receipt (electronic) $ $0.00 ☐ Restricted Delivery $____	Total Postage & Fees $ $59.15
Customer Must Declare Full Value $0.00 $	Received by 11/14/2020 USPS

Domestic insurance up to $50,000 is included based upon the declared value. International Indemnity is limited. (See Reverse).

OFFICIAL USE

LOUISVILLE, KY 40243

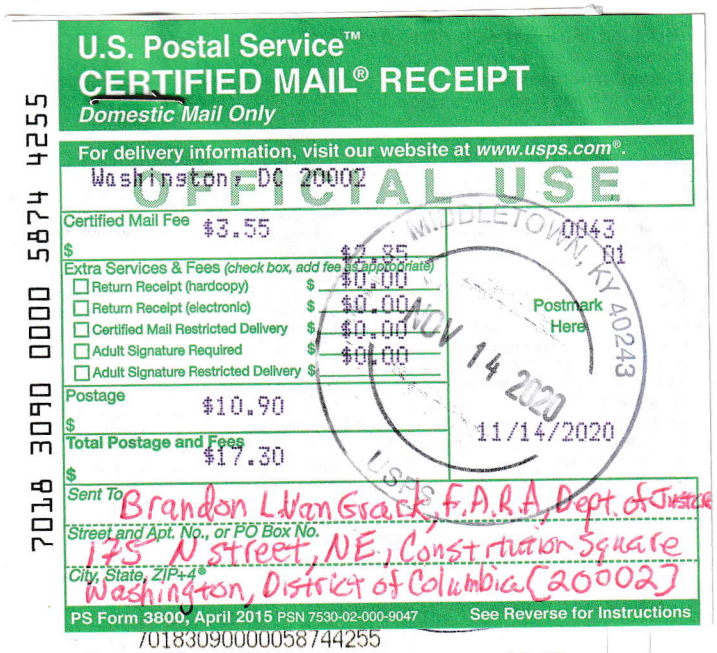
To Be Completed By Customer (Please Print) All Entries Must Be in Ballpoint or Typed

FROM: Larry [redacted]
c/o [redacted]
Apt [redacted]
Louisville, Kentucky, near by 402[redacted]

TO: Fatou Bensouda, Chief Prosecutor
Int'l Criminal Court Evidence Unit, Office of Pros
Post Office Box 19519
2500 CM The Hague, The Netherlands

PS Form **3806, Registered Mail Receipt**
April 2015, PSN 7530-02-000-9051
For domestic delivery information, visit our website at www.usps.com®

Copy 1 - Customer (See Information on Reverse)
4 – Sender's Copy



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Washington, DC 20002

OFFICIAL USE

Certified Mail Fee $3.55
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $2.85
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $10.90

Total Postage and Fees $17.30

Postmark Here
MIDDLETOWN, KY 40243
NOV 14 2020
11/14/2020
USPS

Sent To Brandon L Van Grack, F.A.R.A, Dept of Justice
Street and Apt. No., or PO Box No. 175 N Street, NE, Constitution Square
City, State, ZIP+4® Washington, District of Columbia (20002)

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7018 3090 0000 5874 4255

0043
01

701830900000058744255

Return Receipt $2.85
Tracking #:
9590 9402 5056 9092 9233 36

Total $17.30

Grand Total: $17.30

Cash $17.30

****

Due to limited transportation availability as a result of nationwide COVID-19 impacts package delivery times may be extended. Priority Mail Express® service will not change.

****

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811.

In a hurry? Self-service kiosks offer quick and easy check-out. Any Retail Associate can show you how.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Rick Green
Editor
Courier Journal
P.O. Box 740031
Louisville, Kentucky [40201]

9590 9402 5056 9092 9233 74

2. Article Number *(Transfer from service label)*

7017 3040 0000 2594 3144

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

DOWNTOWN STATION CLERK ROOM
NOV 16 2020
LOUISVILLE KY

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail
☐ Mail Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 3040 0000 2594 3144

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Louisville, KY 40201

OFFICIAL USE

Certified Mail Fee	$3.55
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$8.70
Total Postage and Fees	$15.10

0043 01 40243

NOV 14 2020
Postmark Here
LSPS
11/14/2020

Sent To: Rick Green, Editor, Courier Journal
Street and Apt. No., or PO Box No.: P.O. Box 740031
City, State, ZIP+4®: Louisville, Kentucky [40201]

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

70173040000025943144

Return Receipt
Tracking #:
9590 9402 5056 9092 9233 74 $2.85

Total $15.10

Grand Total: $15.10

Cash $20.10
Change ($5.00)

****

Due to limited transportation availability as a result of nationwide COVID-19 impacts package delivery times may be extended. Priority Mail Express® service will not change.

****

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message

UNITED STATES POSTAL SERVICE.

MIDDLETOWN
119 EVERGREEN RD
LOUISVILLE, KY 40243-9998
(800)275-8777

11/14/2020 02:34 PM

Product	Qty	Unit Price	Price
Priority Mail® 3-Day 1 Jackson, WY 83001 Weight: 2 lb 3.10 oz Expected Delivery Date Wed 11/18/2020 Tracking #: 9505 5108 5529 0319 9948 27			$13.25
Insurance Up to $50.00 included			$0.00
Total			$13.25

Grand Total:	$13.25
Cash	$23.25
Change	($10.00)

****
Due to limited transportation
availability as a result of
nationwide COVID-19 impacts
package delivery times may be
extended. Priority Mail Express®
service will not change.
****

Text your tracking number to 28777 (2USPS)
to get the latest status. Standard Message
and Data rates may apply. You may also
visit www.usps.com USPS Tracking or call
1-800-222-1811.

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Associate can show you how.

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insurance. For information on filing an
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Peachtree City, GA 30269

OFFICIAL USE

Certified Mail Fee $3.55

Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $2.85 $0.00
- Return Receipt (electronic) $ $0.00
- Certified Mail Restricted Delivery $ $0.00
- Adult Signature Required $ $0.00
- Adult Signature Restricted Delivery $

Postage $10.90

Total Postage and Fees $17.30

Postmark Here
MIDDLETOWN, KY 40243
0043
01
NOV 14 2020
11/14/2020
USPS

Sent To: Robert F. Kennedy, Jr., Children Health Defense
Street and Apt. No., or PO Box No.: 1227 North Peachtree Parkway, Suite 202
City, State, ZIP+4®: Peachtree City, Georgia [30269]

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7018 3090 0000 5874 4262

701830900000587442 62
Return Receipt $2.85
Tracking #:
9590 9402 5056 9092 9233 50
Total $17.30

Grand Total: $17.30

Cash $20.00
Change ($2.70)

****
Due to limited transportation
availability as a result of
nationwide COVID-19 impacts
package delivery times may be
extended. Priority Mail Express®
service will not change.
****

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Andy Beshear
Govenor of Kentucky Republic
700 Capitol Avenue
Suite 100
Frankfort, Kentucky Republic
near by [40601]

9590 9402 5056 9092 9233 43

2. Article Number *(Transfer from service label)*

7019 1640 0002 2322 2148

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Mail
- ☐ Mail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7019 1640 0002 2322 2148

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Frankfort, KY 40601

OFFICIAL USE

Certified Mail Fee	$3.55
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$2.85
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$8.70
Total Postage and Fees	$15.10

Postmark Here
NOV 14 2020
11/14/2020

Sent To: Andy Beshear, Govenor of Kentucky Republic
Street and Apt. No., or PO Box No.: 700 Capital Avenue, Suite 100
City, State, ZIP+4®: Frankfort, Kentucky Republic near by (40601)

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Return Receipt $2.85
Tracking #:
9590 9402 5056 9092 9233 43

Total $15.10

Grand Total: $15.10

Cash $20.10
Change ($5.00)

****
Due to limited transportation availability as a result of nationwide COVID-19 impacts package delivery times may be extended. Priority Mail Express® service will not change.
****